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A71-12099 # Translation Consultants, Ltd., Arlington, Va.
SOME CHARACTERISTICS OF THE LASER BEAM EROSION OF MATERIALS [NEKOTORYYE OSOBENNOSTI EROZII MATERIALOV PRI VOZDEYSTVII IZLUCHENIYA OKG]
G. I. Put'mikov et al. Washington, NASA, Dec. 1970. 10 p. refs
Transl. into ENGLISH from Zh. Prikl. Spektroskopii: Akad. Nauk Belorussk. SSR (Minsk), v. 11, no. 4, Oct. 1969. p. 617-622.
(Contract NASw-2038)
(NASA-TT-F-13338) Avail: NTIS CSCL 20E

Space distribution of condensed matter ejected from metals subjected to laser radiation erosion was investigated to improve spectral analysis sources with simultaneous use of electrical discharge. Laser pulse energy was 7 j and the light was focused by means of a lens. Angular distribution of matter ejected was measured for Cu alloys, Zn, Pb, Fe-Si, Pb, Sn, Al, Mg, and W condensed on a glass plate situated perpendicularly to the laser beam. Maximum density of the condensed material and the angular position of this maximum were plotted as a function of the melting point of the material. Chemical composition of the sample corresponds to that of the ejected material. An arrangement of electrodes for spectral analysis carried out during simultaneous laser ejection and discharge was proposed. Author

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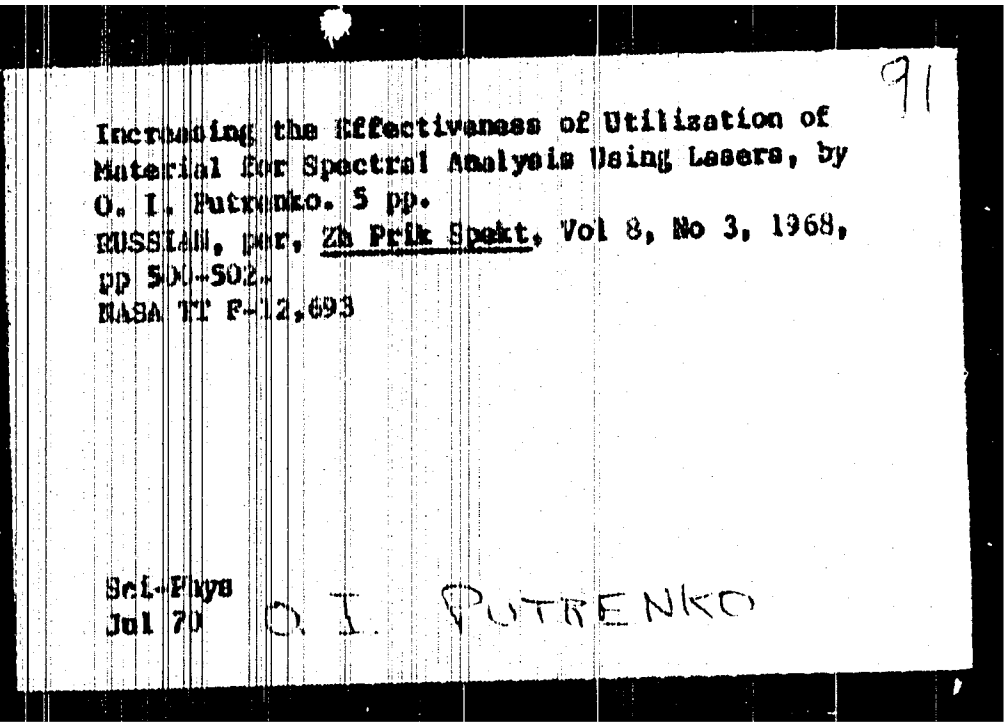


91

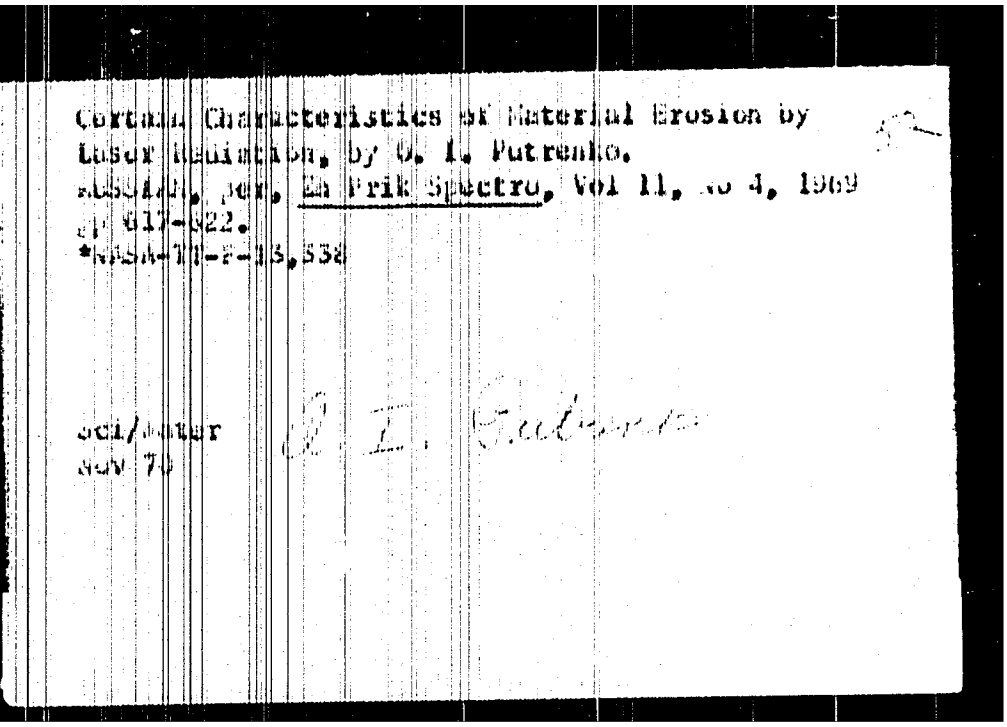
Increasing the Effectiveness of Utilization of Material For Spectral Analysis Using Lasers, by O. I. Putrenko. 5 pp.
RUSSIAN, per. Zh Prik Spekt, Vol 8, No 3, 1968, pp 500-502.
NASA TT F-12,693

Sci-Phys
Jul 70

O. I. PUTRENKO

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

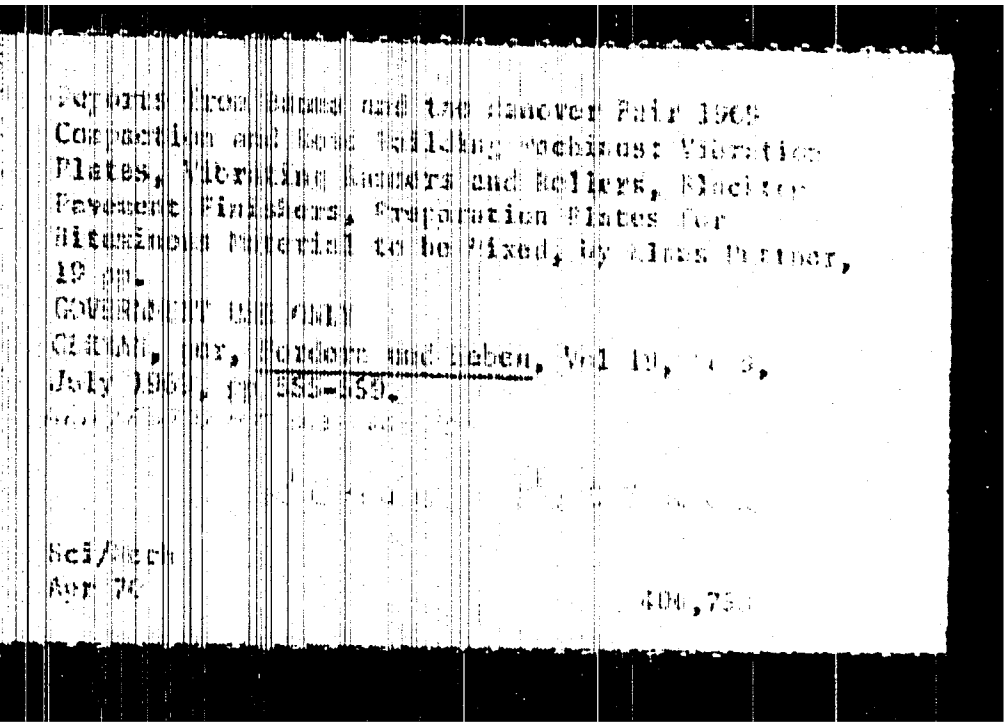


Certain Characteristics of Material Erosion by
Laser Radiation, by G. A. Putrenko.
Abstract, Zh. Prik Spectro, Vol 11, No 4, 1969
pp 817-822.
*NASA-TT-F-13,538

oci/mhw
Nov 70

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



Reports from Poland and the Hanover Fair 1965
Compaction and Road Building Machines: Vibration
Plates, Vibrating Rammers and Rollers, Blacktop
Pavement Finishers, Preparation Plates for
Bituminous Material to be Mixed, by Klaus Perner,
19 pp.
GOVERNMENT USE ONLY
Strasse, Der, Bruecken und Hoben, Vol 19, [illegible],
July 1965, pp 355-359.

Sci/Tech
Apr 74 404,75

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

Antitank Defense - Close Combat Against Tanks, by
H. Putzlager, 28 pp.
GOVERNMENT USE ONLY
GERMAN, Der, Allgemeine Schweizerische Militar-
Zeitschrift, No 9, 1969, pp 506-515.
AMH/FTIC/MT-23-389-70

H. Putzlager

ME/Mil
Mar 70

401,940

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

84

Phenomena of Internal Waves in Oceans, by
P'I Yung-hsiu (3184/3144/0208), 5 pp.
CHIEH, pub, Hai-yang yu Hu-chao, Vol VIII,
No 1, Feb 1966, pp. 75-80.
AFRS 37770

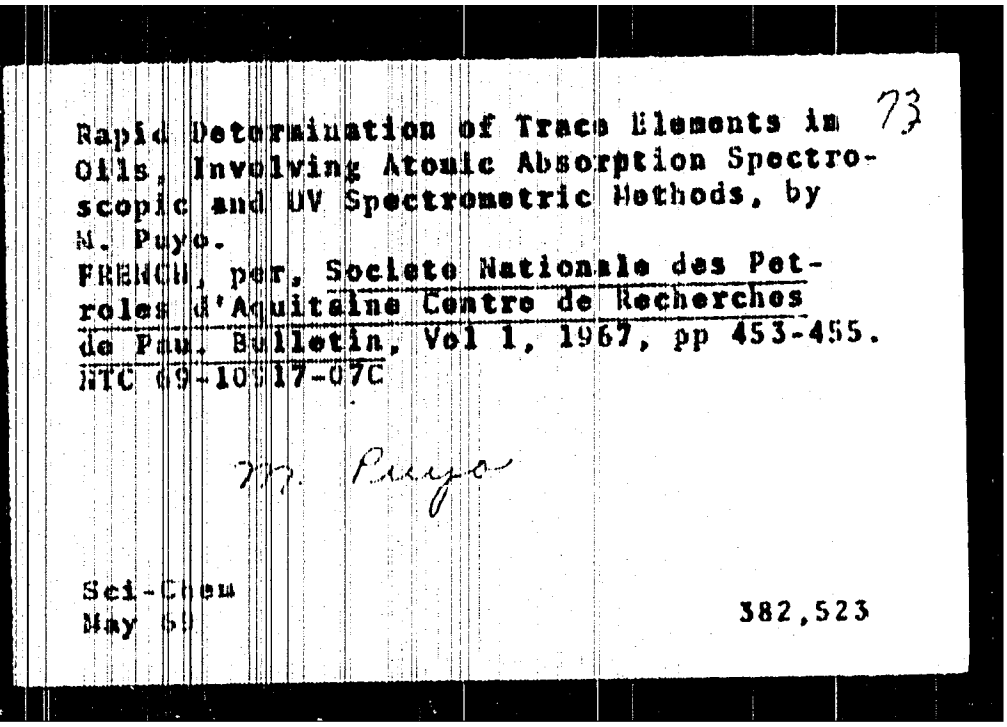
P'I Yung-hsiu.

FE-China
Oct-Dec/O
Oct 66

311,817

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



Rapid Determination of Trace Elements in Oils, Involving Atomic Absorption Spectroscopic and UV Spectrometric Methods, by M. Puyo.

FRENCH, per. Societe Nationale des Petroles d'Aquitaine Centre de Recherches de Pau. Bulletin, Vol 1, 1967, pp 453-455.

NTC 69-10517-07C

73

M. Puyo

Sci-Chem
May 68

382,523

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

The Buccal Architecture and the Stomatogenesis of Ichthyophthirus Multifilis Fouquet, by M. Roque, P. de Puytorac. FRENCH, pub. Protistologica, Vol 3, No 1, 1967, pp 79-90. ATC 68-11265-06C

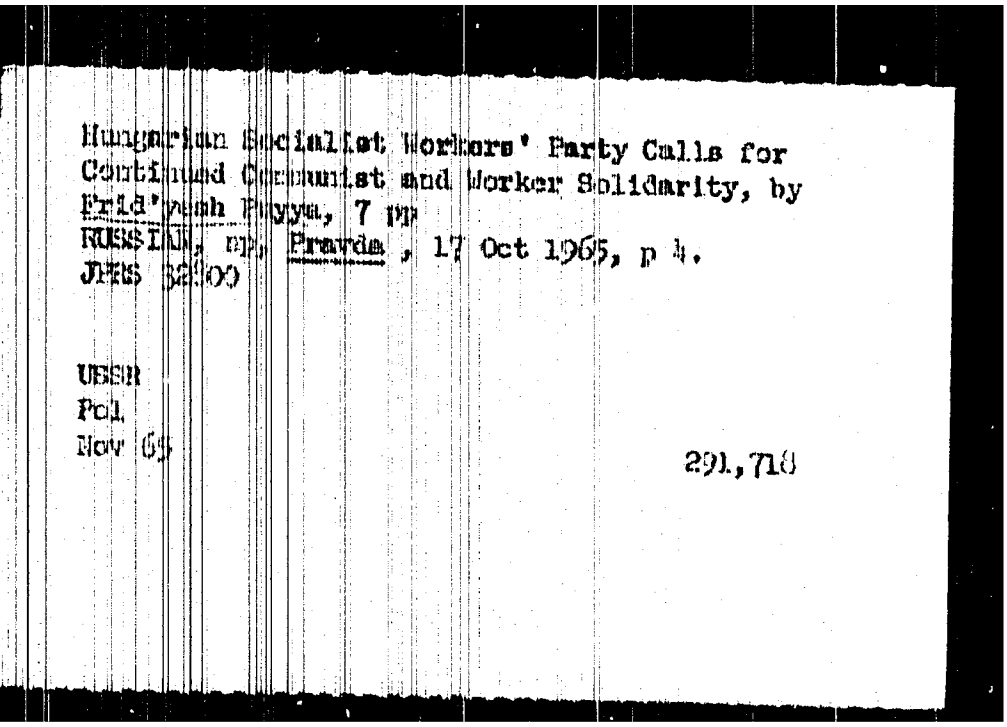
3/

Scl-1600
July 69

386,972

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



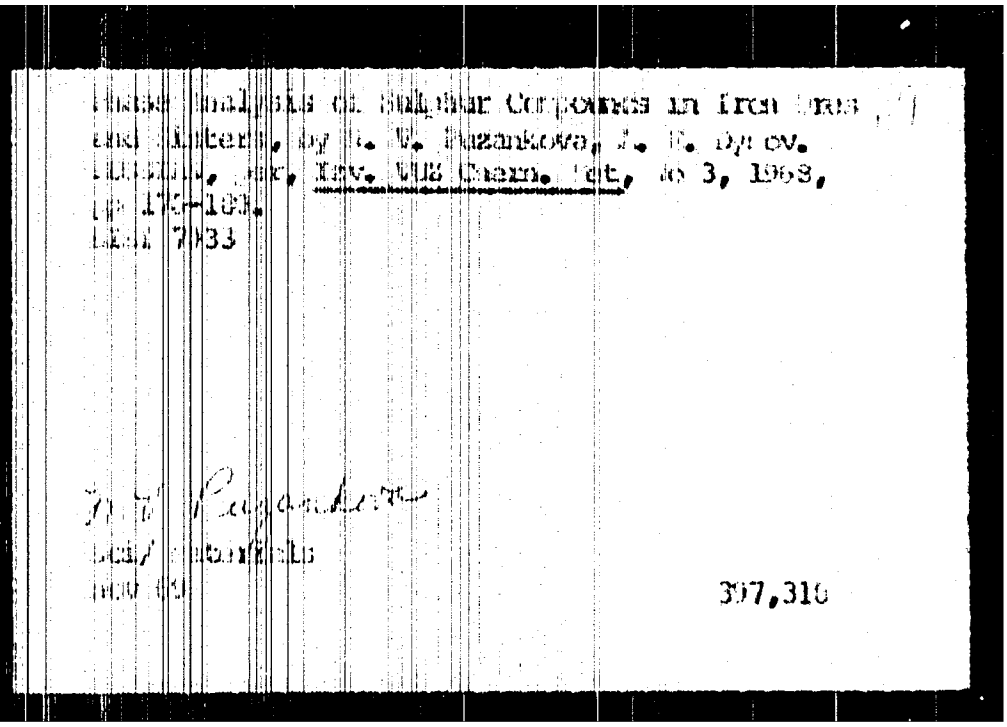
Hungarian Socialist Workers' Party Calls for
Continued Communist and Worker Solidarity, by
Erik Venih Fuyya, 7 pp
RUSSIAN, pp, Pravda , 17 Oct 1965, p 4.
JPRS 32800

USSR
Pol
Nov 65

291,718

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

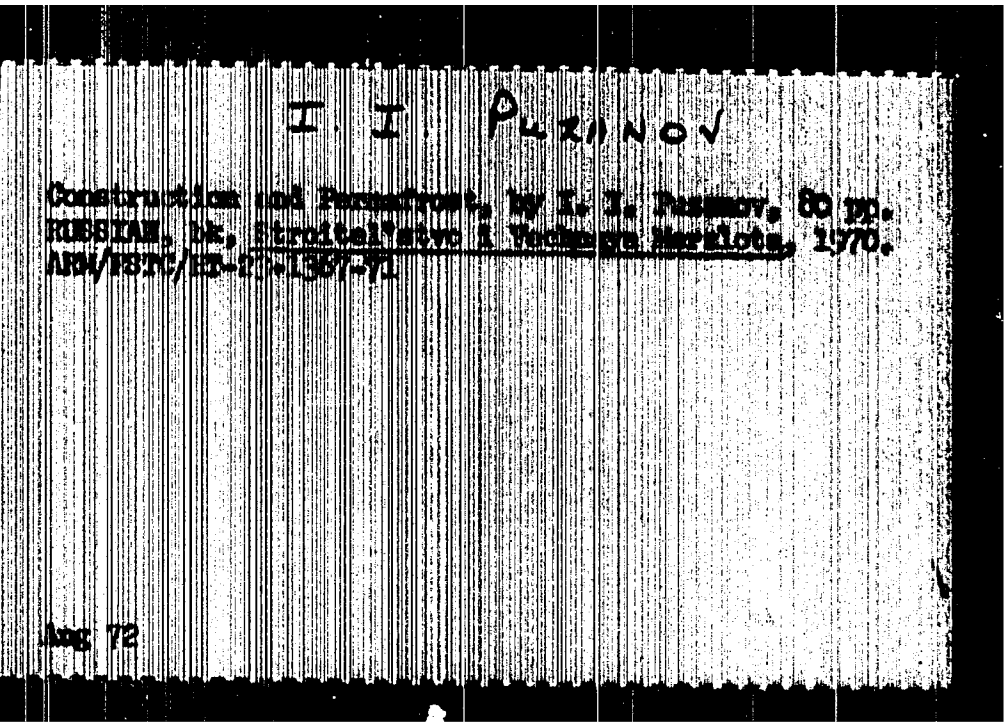


Analysis of Sulphur Compounds in Iron Ores
and Alloys, by L. V. Kuznetsova, I. P. Ovcharova,
Zavod. Lab., Nov. 1968 (Trans. Pt. 3, 1968),
pp 175-183.
LEAI 7033

307,310

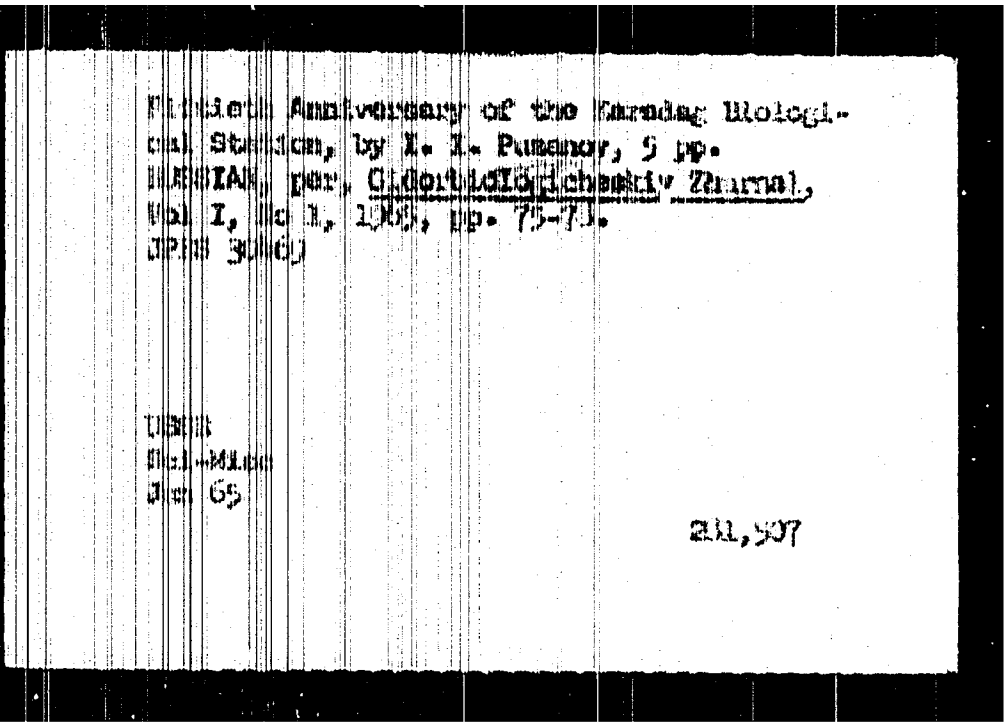
APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1


I. I. PUZINOV
Construction and Perception, by I. I. Puzinov. 80 pp.
RUSSIAN, bk. Strotelstvo i Vospriyatiye. Moskva, 1970.
AFCRL/ISR/IR-72-1367-YL
Aug 72

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



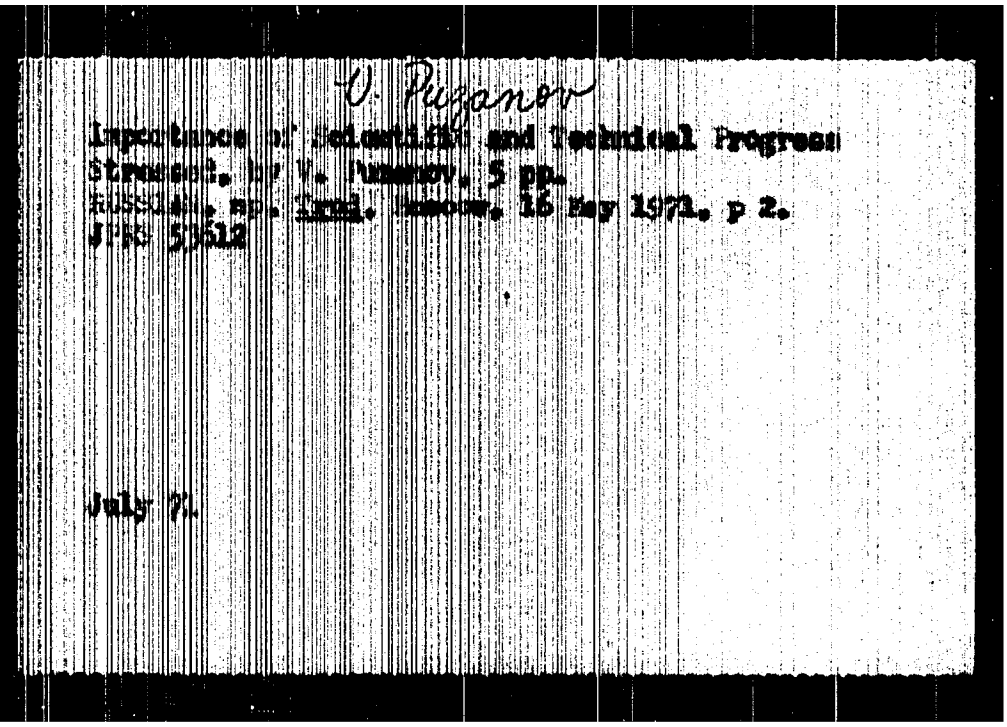
Fiftieth Anniversary of the Karadag Biological Station, by I. I. Puzanov, 5 pp.
UKRAINA, per, Chemistry Journal,
Vol I, No 1, 1926, pp. 75-77.
JPRS 3066

DECLASSIFIED
Per Mr. Miller
Jan 65

211,507

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



V. Puzanov

Importance of Scientific and Technical Progress
Stressed. by V. Puzanov. 5 pp.
Russian. Sovetskaya Rossiya. 16 May 1971. p 2.
JPRS 53512

July 71

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

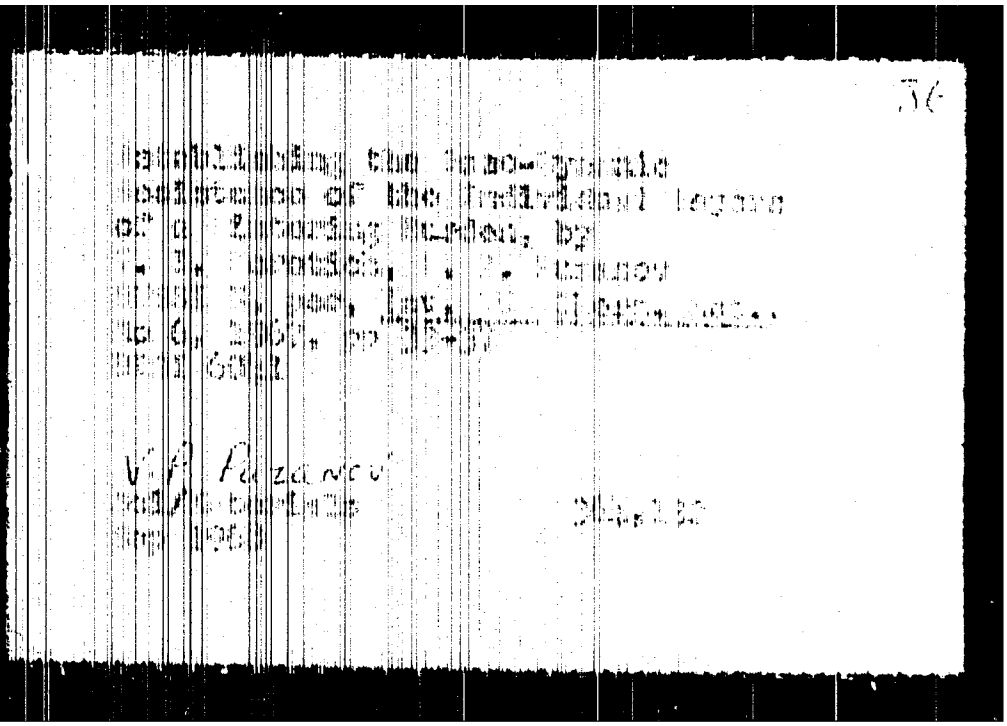
V.P. Puzanov

On the Conditions of Movement of Gas During the Sintering of Iron Ore Materials, by V.P. Puzanov and V. I. Korotich, RUSSIAN, Izv. Vuz Chern Met., No 12, 1969, pp 33-38. EIGI 8630

Aug 71

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



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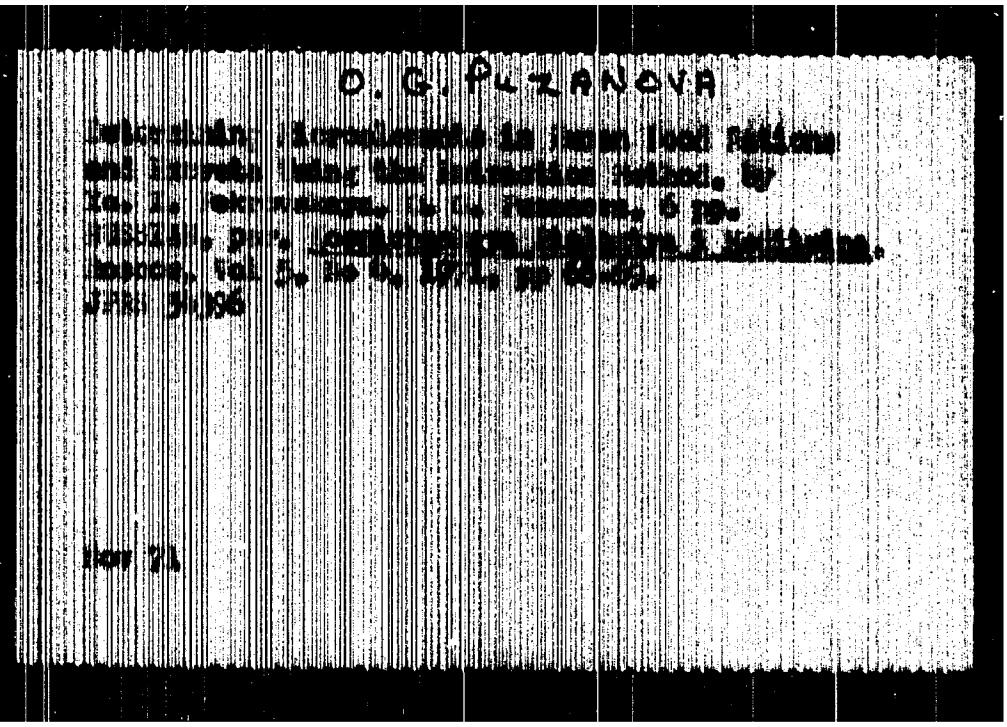

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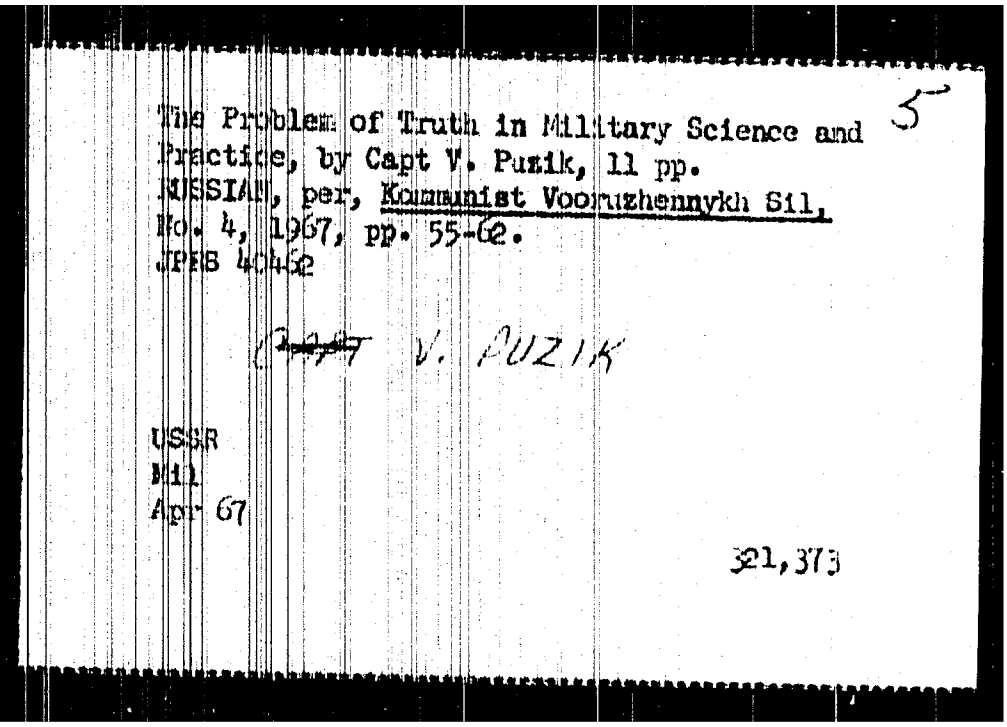


The Problem of Truth in Military Science and Practice, by Capt V. Puzik, 11 pp.
RUSSIAN, per, Kommunist Vooruzhennykh Sil,
No. 4, 1967, pp. 55-62.
JPRS 40452

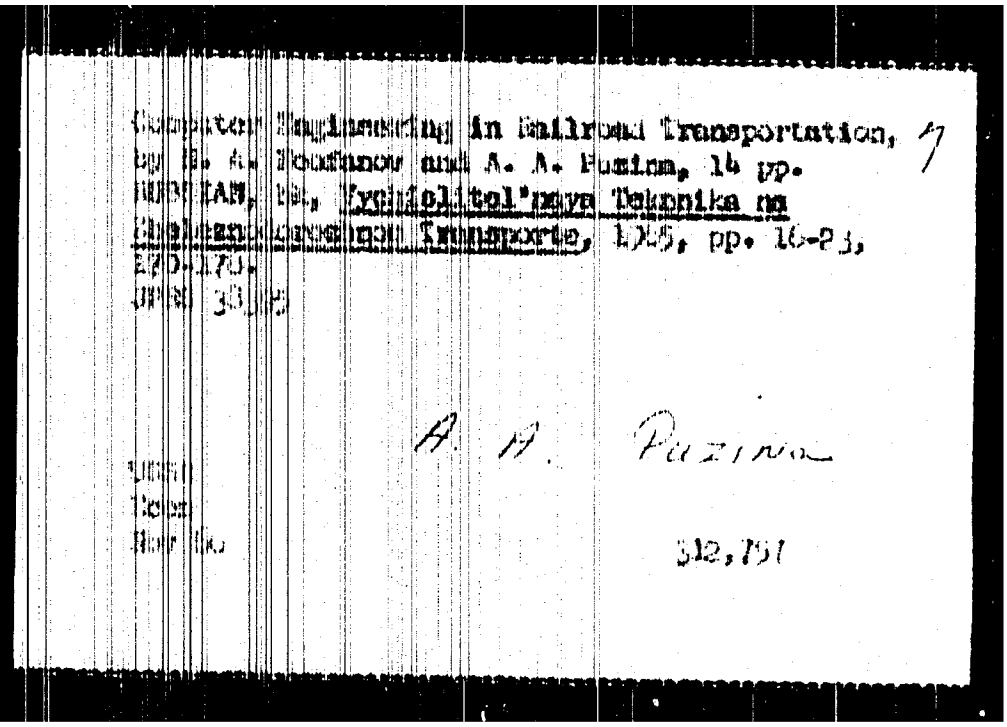
V. PUZIK

USSR
Mil
Apr 67

321,373

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



Computer Engineering in Railroad Transportation, by [illegible] Bautanov and A. A. Fumin, 14 pp.
[illegible], Vychislitel'naya Tekhnika na Zheleznodorozhnom Transporte, 1965, pp. 16-23,
[illegible]

A. A. Fumin

312,751

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

K.V. Puzitsky

Synthesis and Properties of Esters of -Dimethyl-Fatty Acids and Saturated Monohydric Alcohols, by K. V. Puzitskii.
RUSSIAN, per, Neftekhimiya, Vol 7, No 2, 1967, pp 280-285
NTC 72-11568-07C

June 72

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

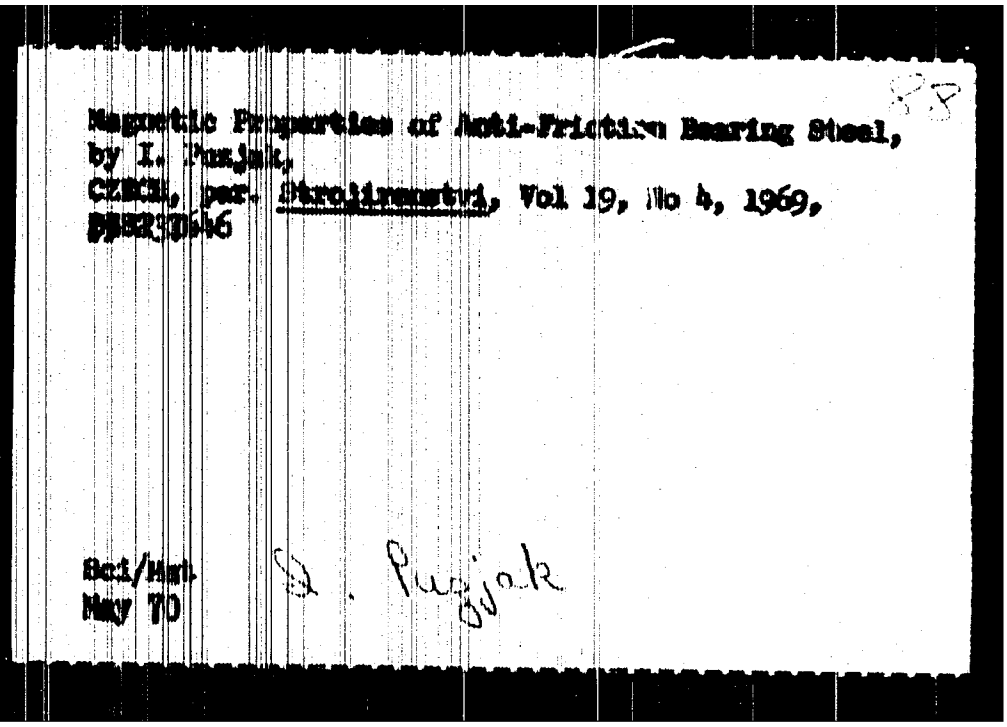
A. D. Puzii

Serum Enzyme Changes in Haemosporidial Infections (piroplasmosis and theileriosis in cattle), by A. D. Puzii. RUSSIAN, per, Veterinariya, No 4, 1968, pp 43-45.
FTC 72-10150-02R

Apr 72

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



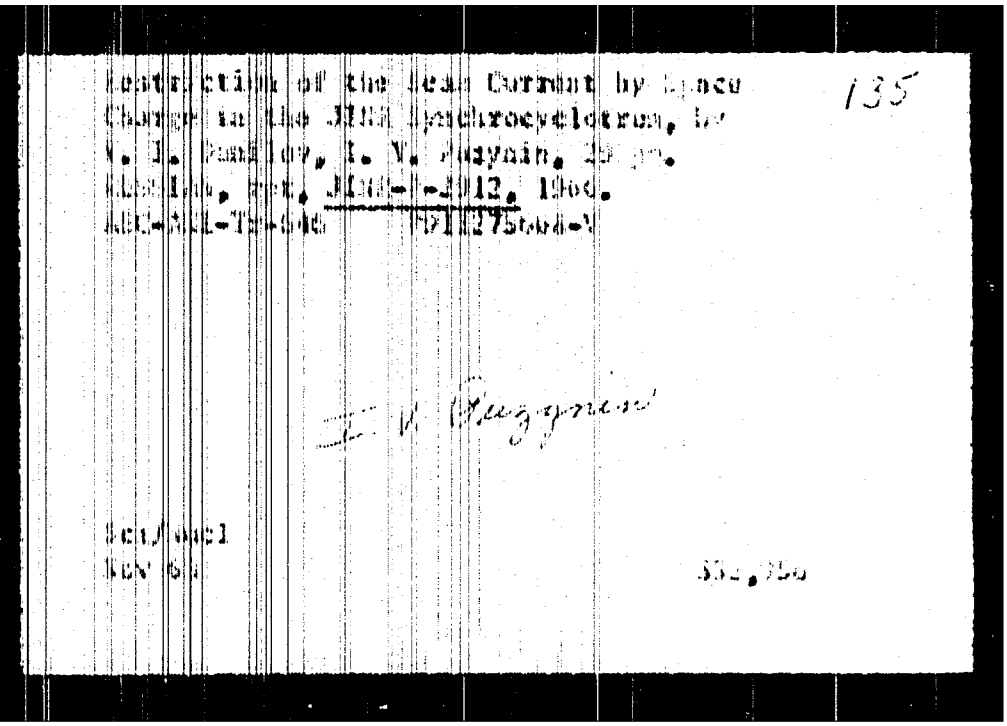
Magnetic Properties of Anti-Friction Bearing Steel,
by I. Pusjak,
Czech, per. Strojirenstvi, Vol 19, No 4, 1969,
pp 293-296

Sci/Mat.
May 70

I. Pusjak

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



Restriction of the Beam Current by Space Charge in the JHU Synchrocyclotron, by W. L. Gardner, T. W. Dayman, 29 pp. Clearinghouse, Fed. Sci. Inf., 1962. AEC-ASTIA-TR-4046 PB 175,004-0

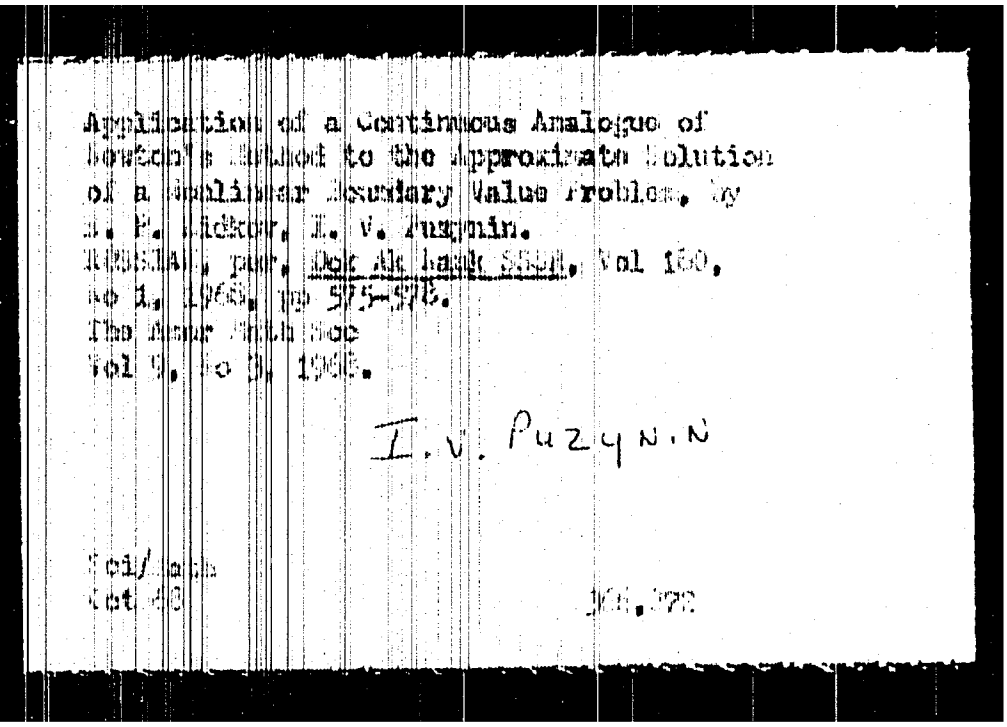
135

E. W. Hagopian

Declassified
DOE Ltr

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



Application of a Continuous Analogue of
Newton's Method to the Approximate Solution
of a Nonlinear Boundary Value Problem, by
A. P. Nikitin, I. V. Puzynin.
RUSSIAN, pub. Doklady Akad. Nauk SSSR, Vol 160,
No 1, 1965, pp 275-278.
Tho Amer Math Soc
Vol 9, No 3, 1965.

I. V. Puzynin

Tol/Math
Oct 65 10.172

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

The Stabilization Method of Solving Boundary Value Problems for Nonlinear Second-Order Ordinary Differential Equations, by
E. P. Zlukov, I. V. Punynin,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 174, No 2, 1967, pp 271-273.
Am Math Soc
Vol 8, No 3, 1967

I. V. Puzynin

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

1.29

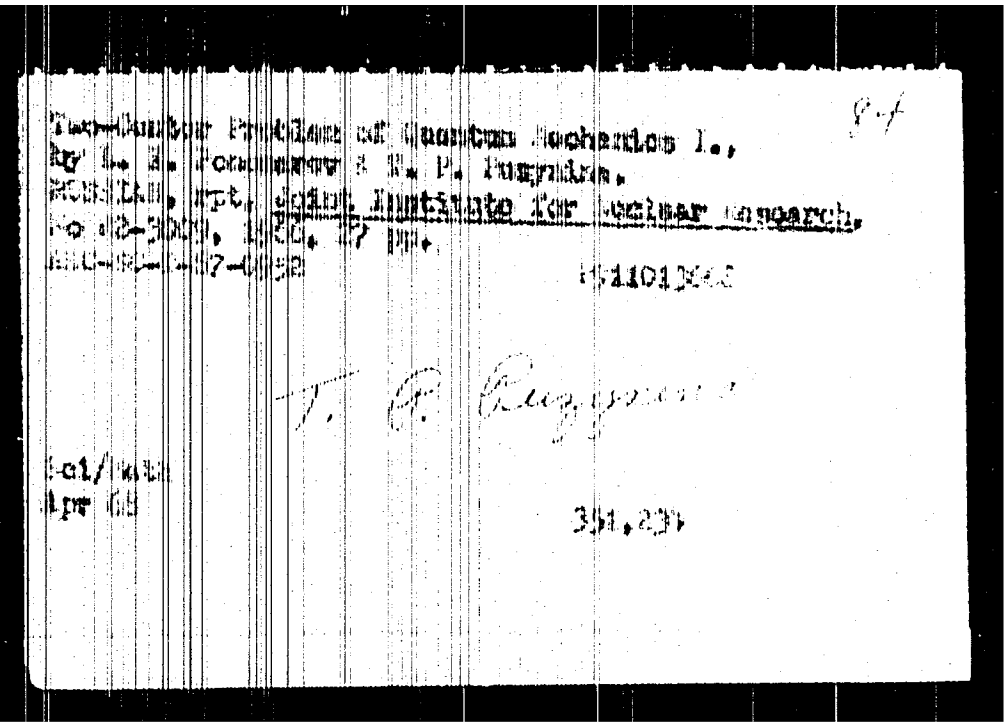
The Two-Centre Problem in Quantum Mechanics, Mathematical Part, by L. I. Ponomarev and T. P. Puzynina, 23 pp. RUSSIAN, rpt, JINR-P2-3018, 1966. P9114074M7 AEC TP-TR-1534

Sci-Physics
Feb 68

347,519

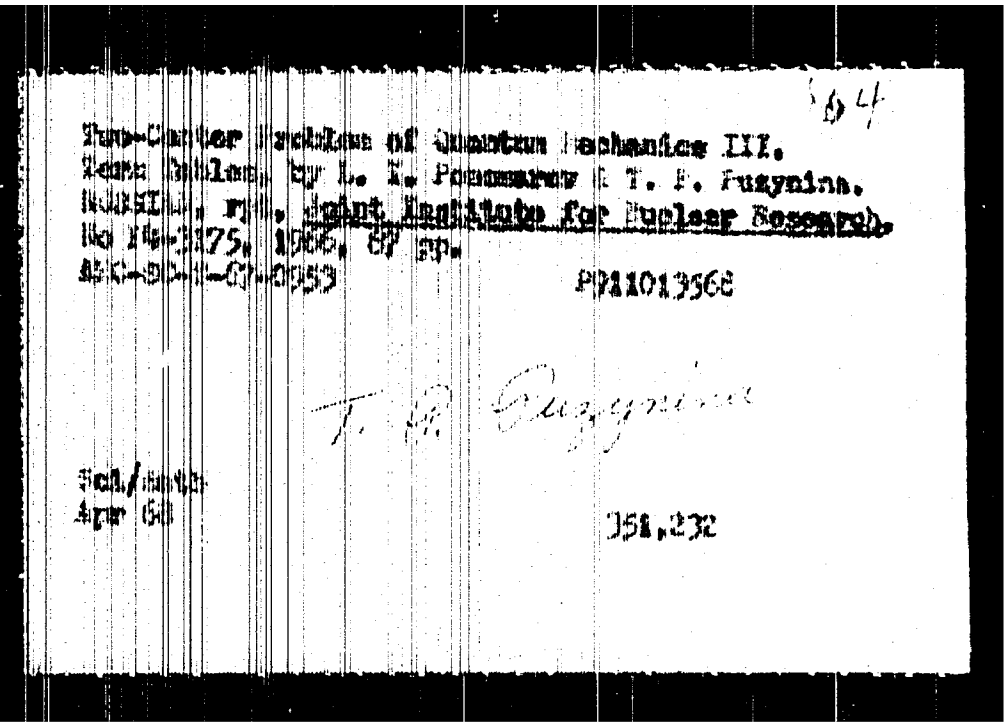
APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



Run-Chapter lectures on Quantum Mechanics III.
Kurs lektsiy, by L. D. Pomeranchuk [and] T. P. Fuzynina.
Moskva, Atomizdat, Institute for Nuclear Research.
No 14-1175, 1956, 69 pp.
AEC-tr-2411-G-0053

PB131356E

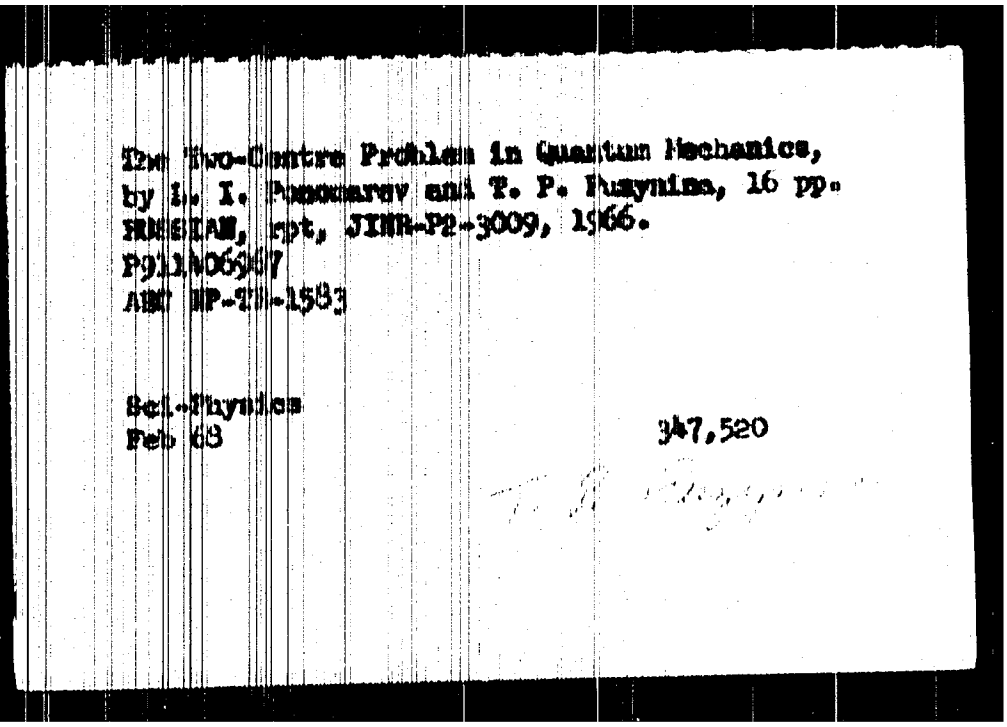
T. P. Fuzynina

Sci/Tech(S)
Apr 58

351.232

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



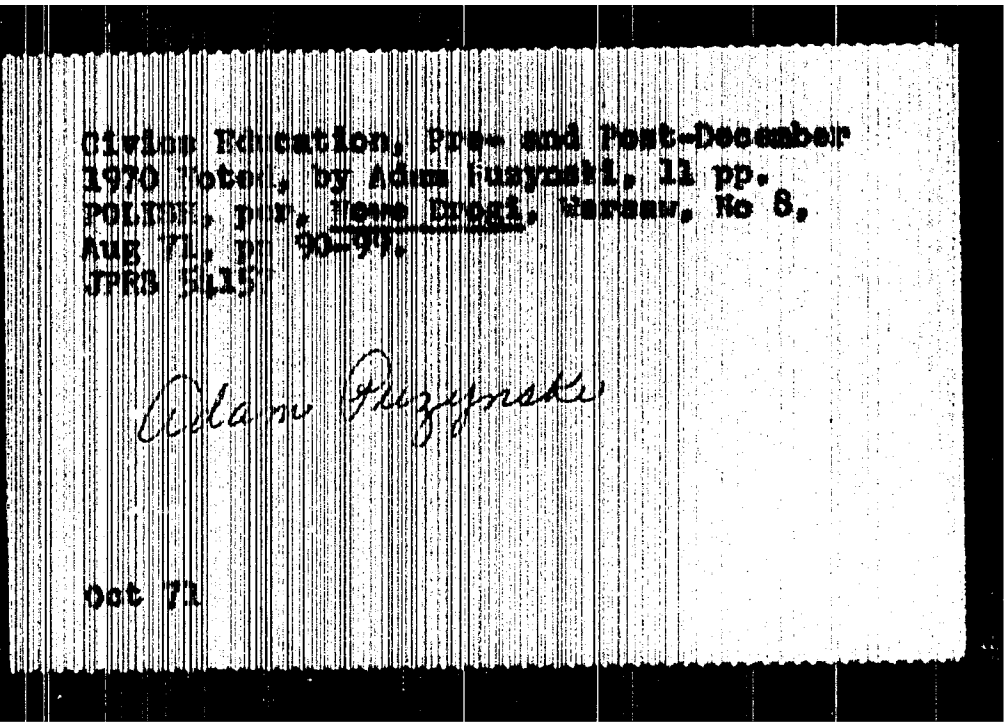
The Two-Centre Problem in Quantum Mechanics,
by I. I. Komarov and T. P. Puzynina, 16 pp.
RUSSIAN, rpt, JINR-P2-3009, 1966.
PgII 006407
AEC TP-2[illegible]-1583

Bell-Physics
Feb 68

347,520

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



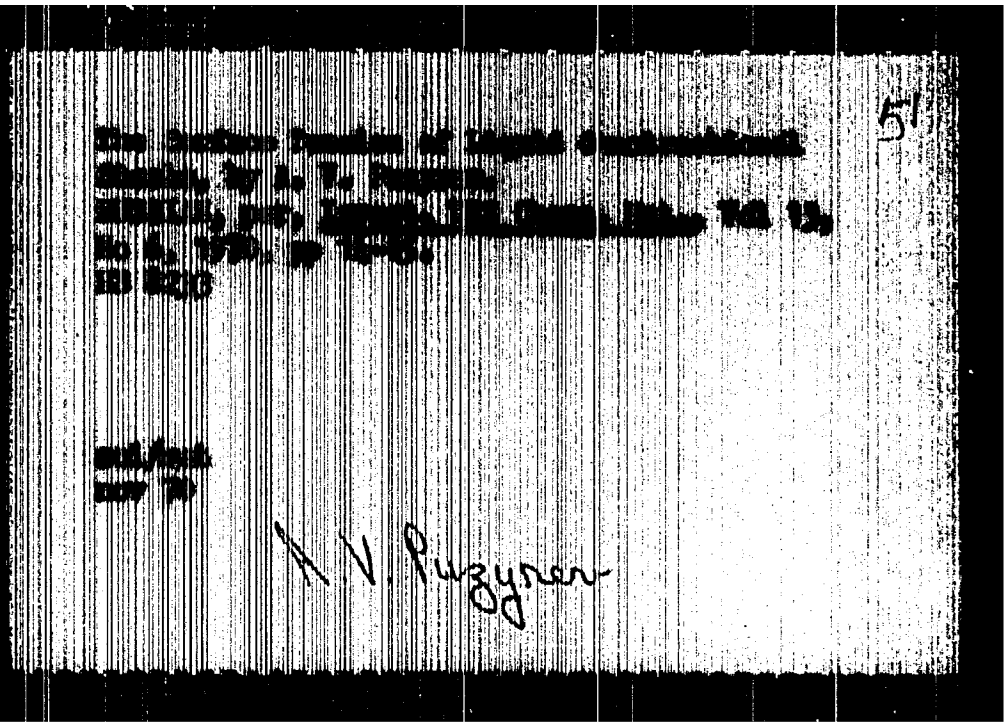
Civics Education, Pre- and Post-December
1970 Notes, by Adam Fuzyneil, 11 pp.
POLITYKA, Pol., Issue Engl, Warsaw, No 8,
Aug 71, pp 90-91.
JPRS 53115

Adam Fuzyneil

Oct 71

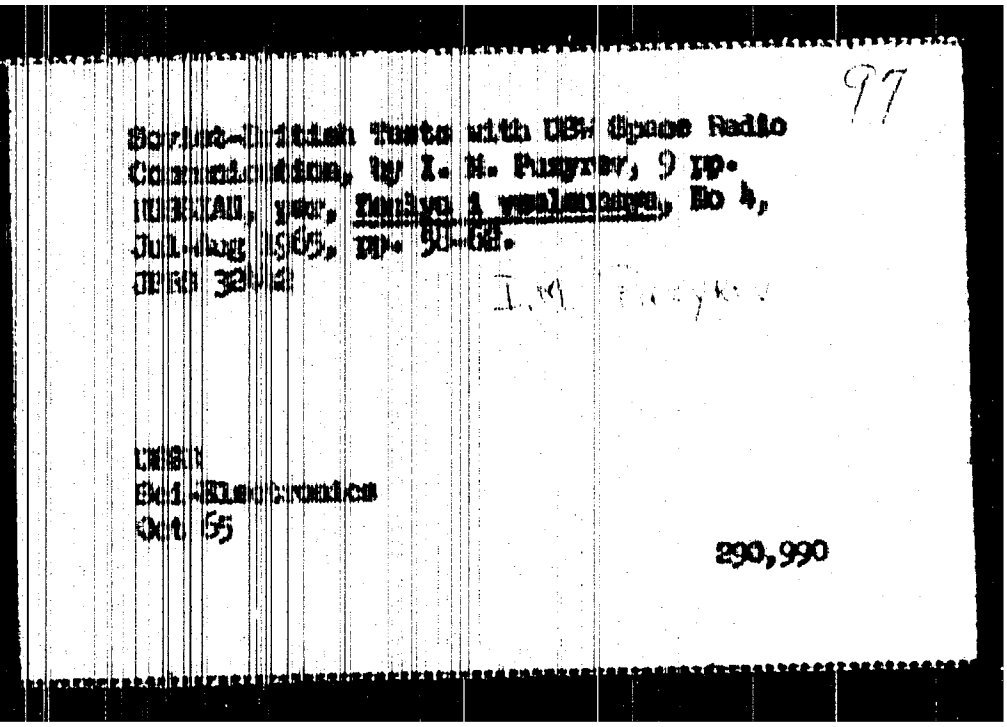
APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



97

Soviet-United States Tests with DSN Space Radio
Communications, by I. M. Pungrov, 9 pp.
[illegible], year, [illegible], No 4,
Jul-Aug 65, pp. 90-98.
JPRS 33,141

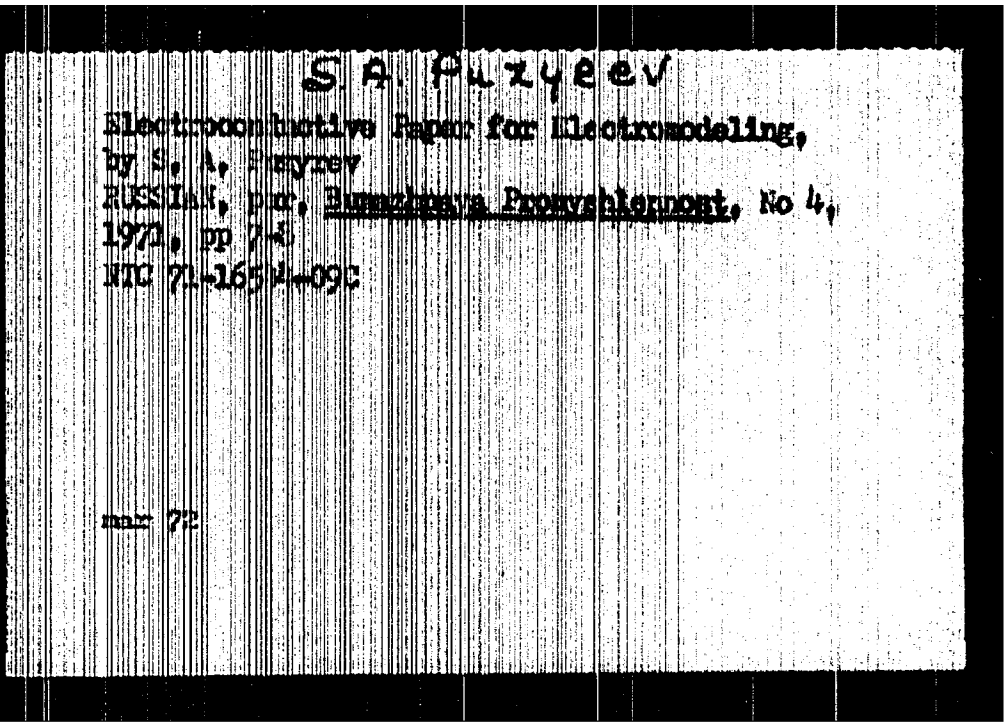
I.M. Pungrov

[illegible]
Ekl-Elektronika
Oct 65

290,990

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



S. A. Puzyrev

Electroconductive Paper for Electromodeling,
by S. A. Puzyrev
RUSSIAN, par. Zarubezhnaya Promyshlennost, No 4,
1971, pp 7-8
NTC 71-16544-09C

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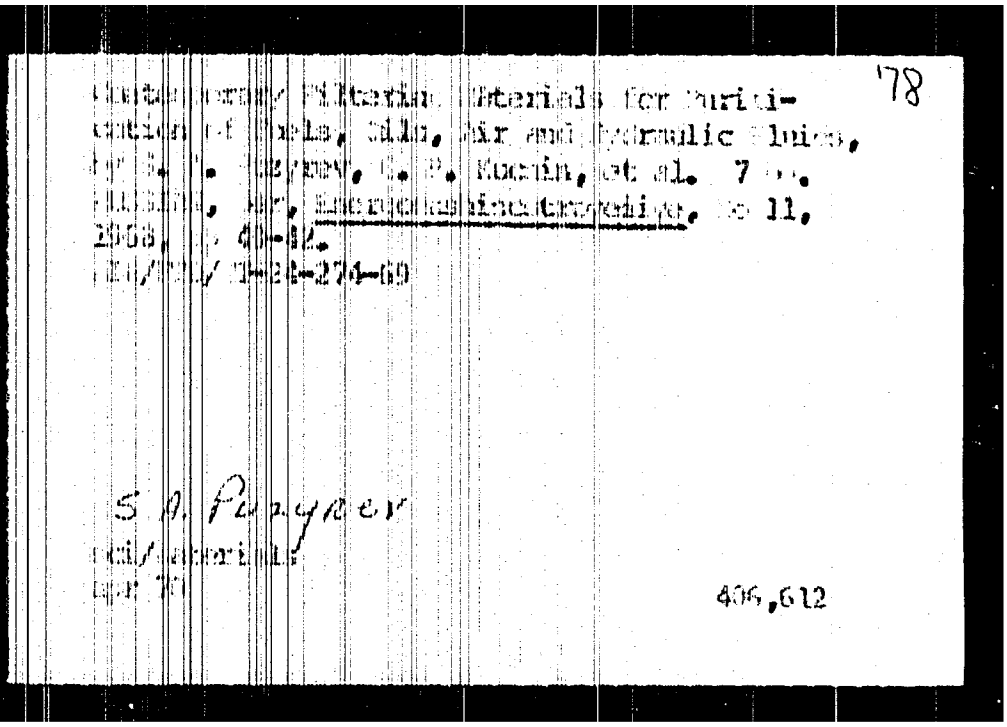
APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



78

406,612

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

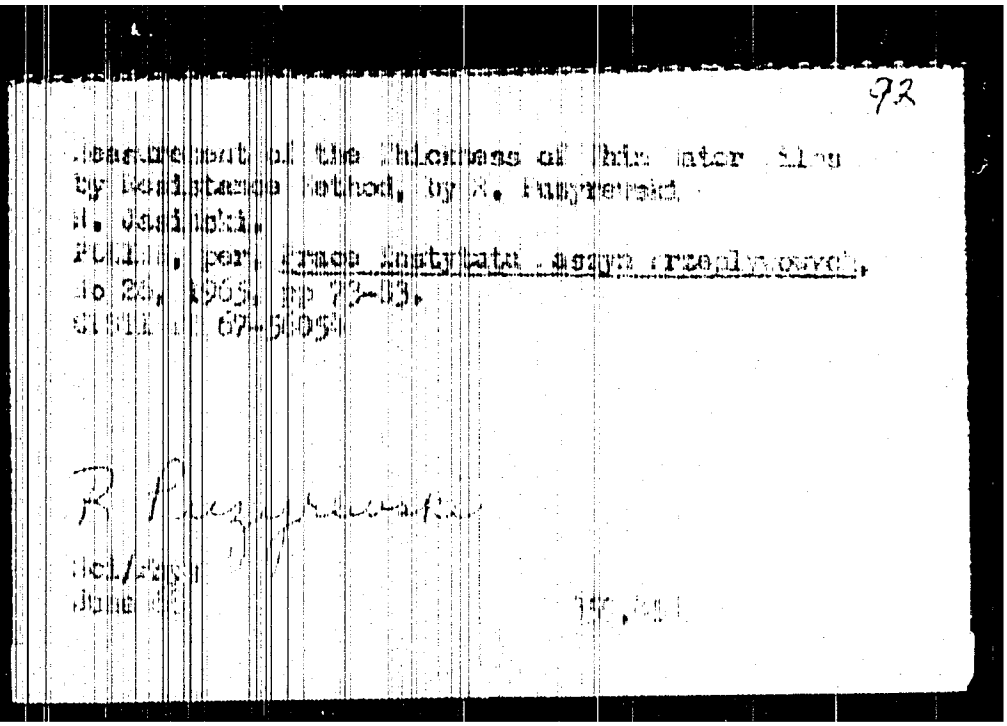
Some Results of Investigations on the Break-up of a Film of Water and the Motion of Drops of Water in the Aerodynamic Wake, by R. Puzyrewski, S. Krzeczkowski.
POLISH, rpt, Proceedings of the Institute of Fluid Flow Machines, No 29-31, 1962, pp 21-43.
CEGB Digest
C.E. Trans 3794

Sci-Phys
Dec 68

372,093

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



92

Measurement of the thickness of thin metal sheet
by ultrasonic method, by R. Hungerford
U. Washington
Publ. per. issue Contract Navy (research)
to 24, 1955, pp 72-73.
OTS PB 131 697, $0.50

R Hungerford

Del/Pasa
June 57

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

117

Some Results of Investigations on the Break-Up of a Film of Water and the Motion of Drops of Water in the Aerodynamic Wake, by R. Puzyrewski and S. Krzeczkowski
PODSTAWY, Inst, Prace Inst. Maszyn Przepl, Nos. 29-32, 1966, pp 21-43.
EL. Ref: 9022.09 (37P4)

R. PUZYREWSKI

Gel-Thymian
July 69

360,907

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

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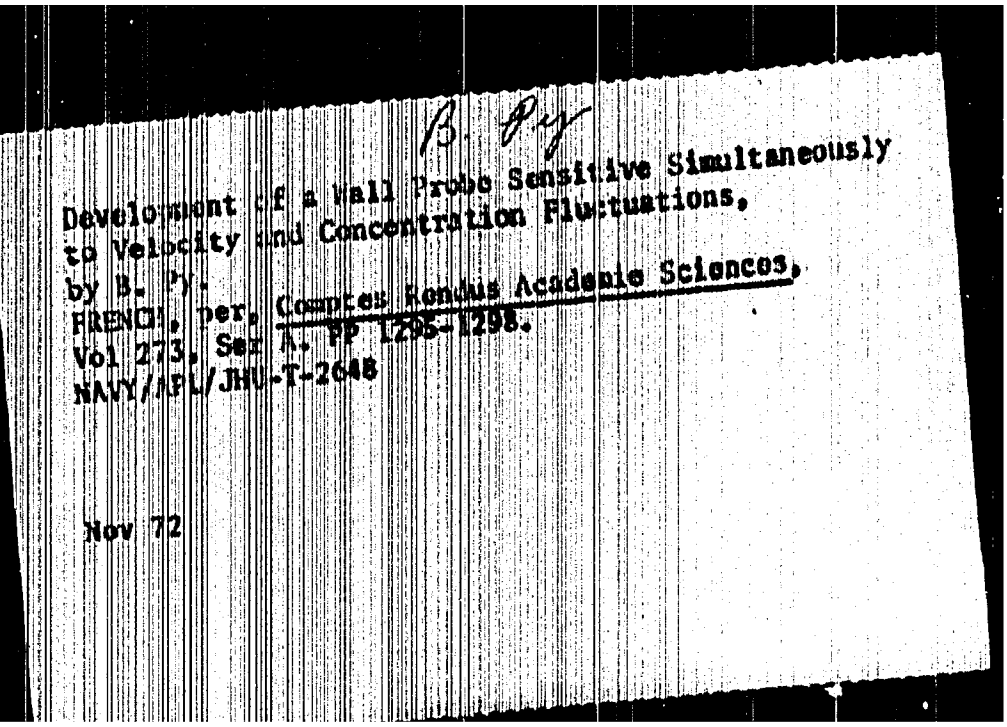


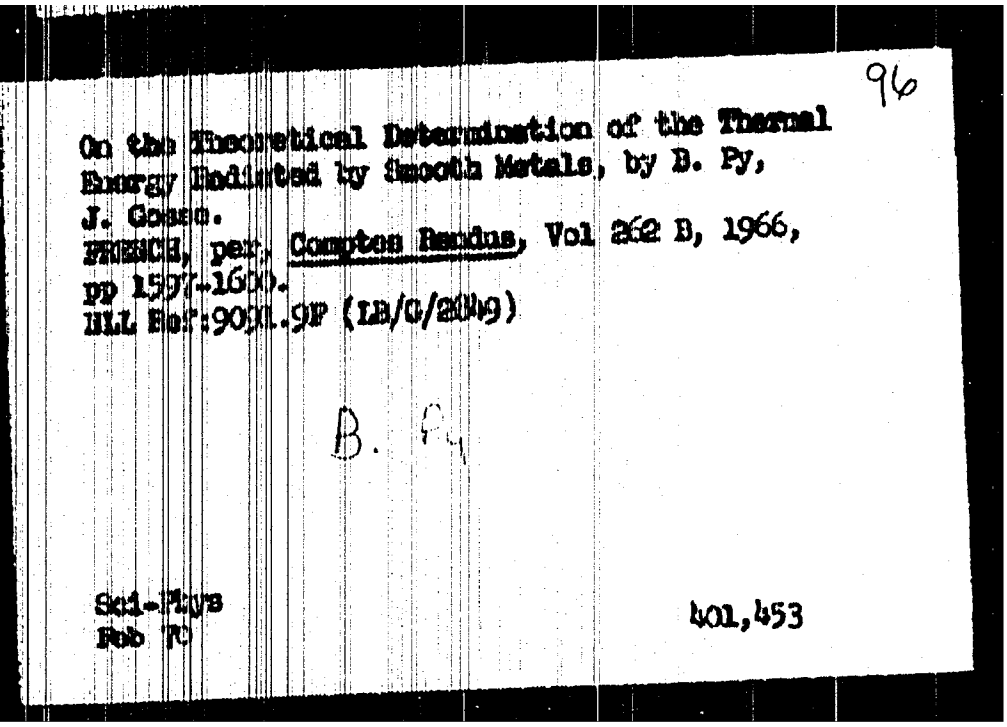
B. Py

Development of a Wall Probe Sensitive Simultaneously to Velocity and Concentration Fluctuations,
by B. Py.
FRENCH, per, Comptes Rendus Academie Sciences,
Vol 273, Ser A, pp 1295-1298.
NAVY/APL/JHU-T-2648

Nov 72

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



96

On the Theoretical Determination of the Thermal Energy Radiated by Smooth Metals, by B. Py, J. Gonsm.
FRENCH, per. Compten Rendus, Vol 262 B, 1966, pp 1597-1600.
HLL Ref:90X1.9F (LB/C/2049)

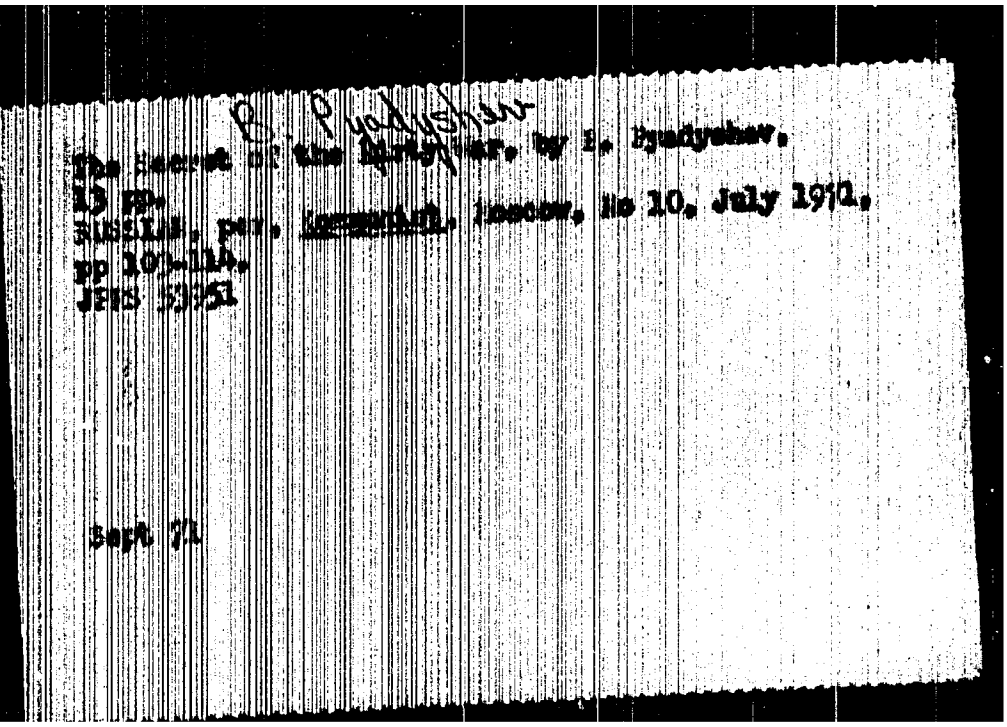
B. Py

Sci-Phys
Feb 70

401,453

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

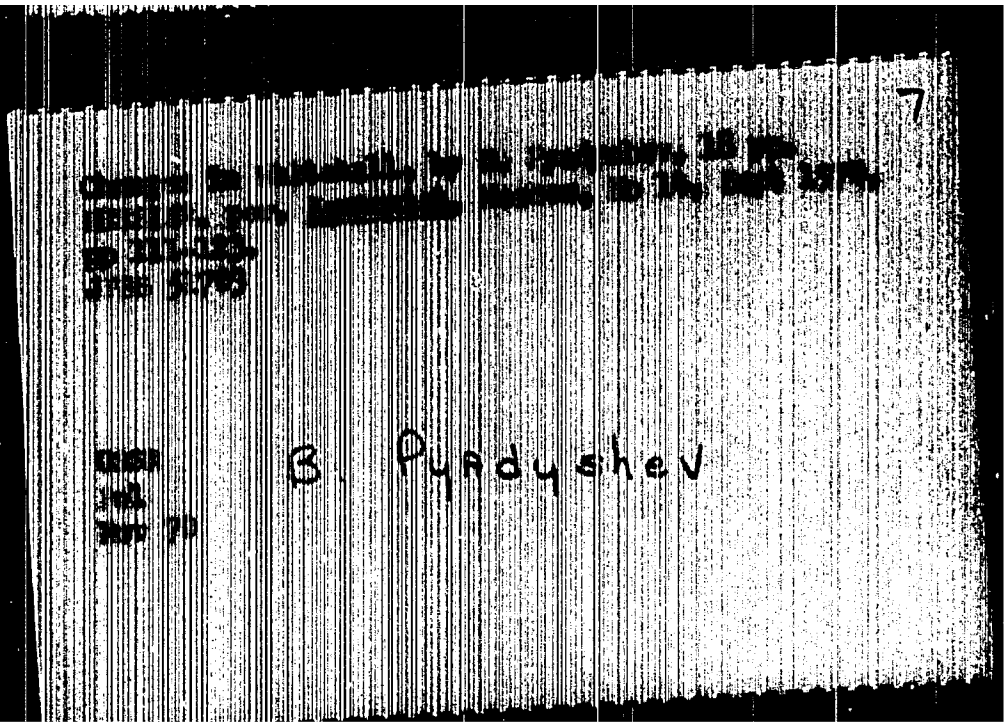


P. Pyadyshev
The Secret of the Mortgage. by P. Pyadyshev.
53 pp.
Russian, per. [illegible]. Moscow, No 10, July 1912.
pp 107-114.
JPRS 53951

Sept 71

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



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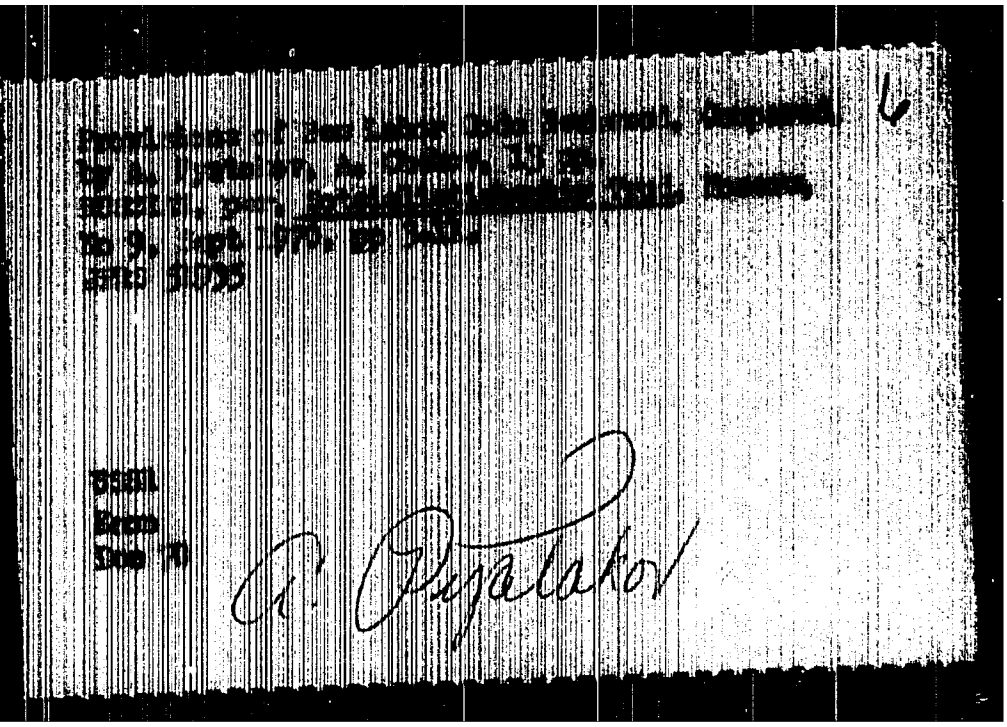

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

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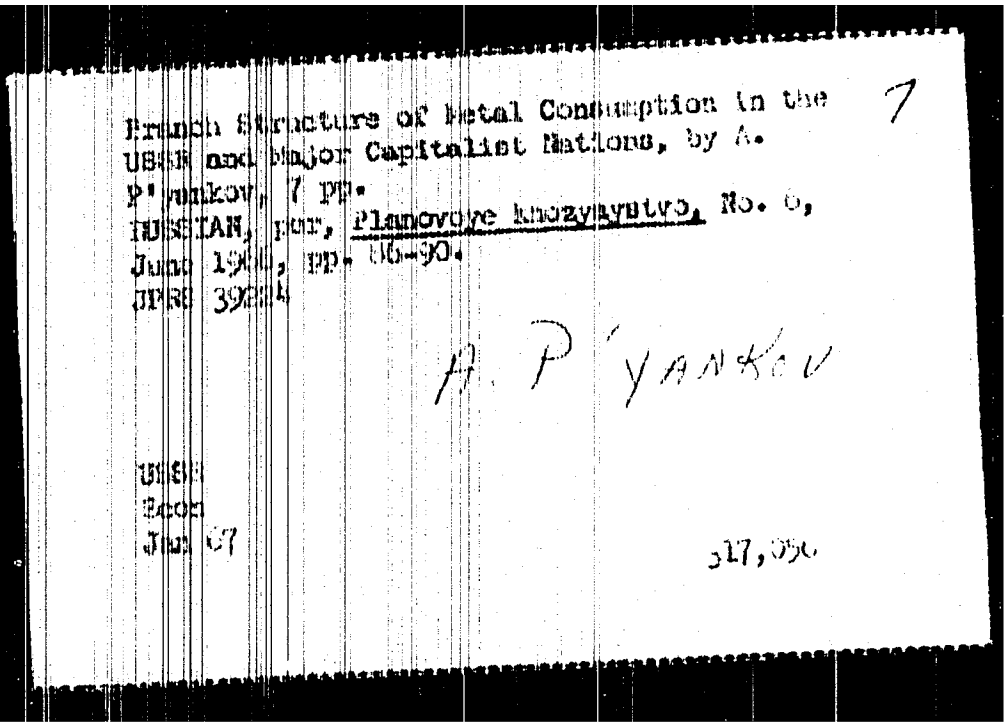


Branch Structure of Metal Consumption in the 7
USSR and Major Capitalist Nations, by A.
P'yankov, 7 pp.
RUSSIAN, per, Planovoye khozyaystvo, No. 6,
June 19[illegible], pp. 86-90.
JPRS 39[illegible]

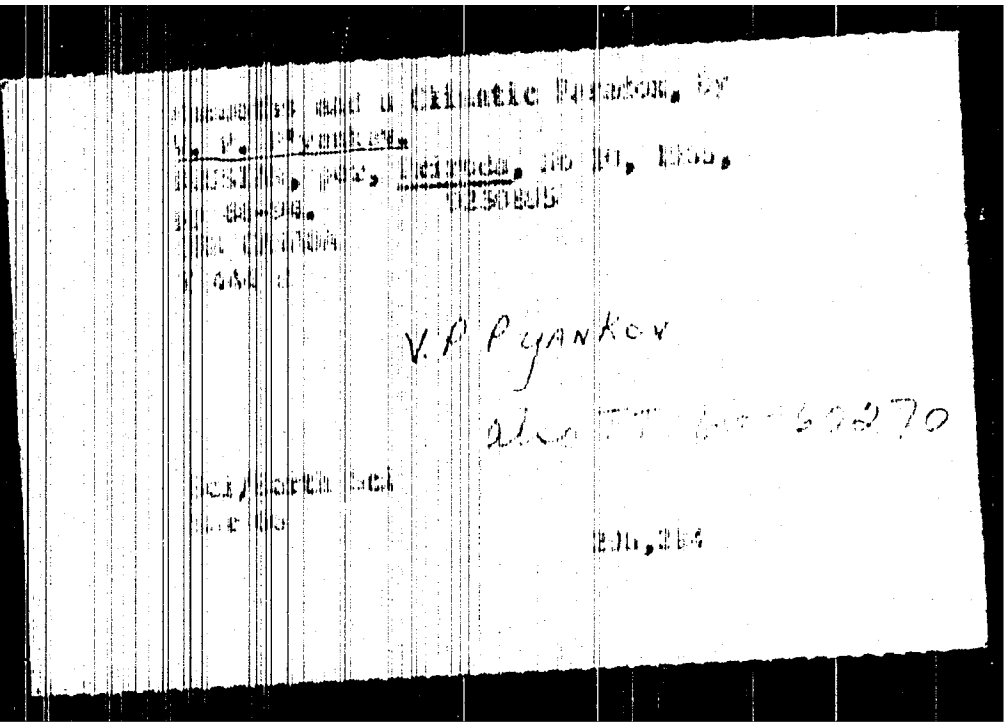
A. P'yankov

[illegible]
Econ
Jun 67

317,050

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

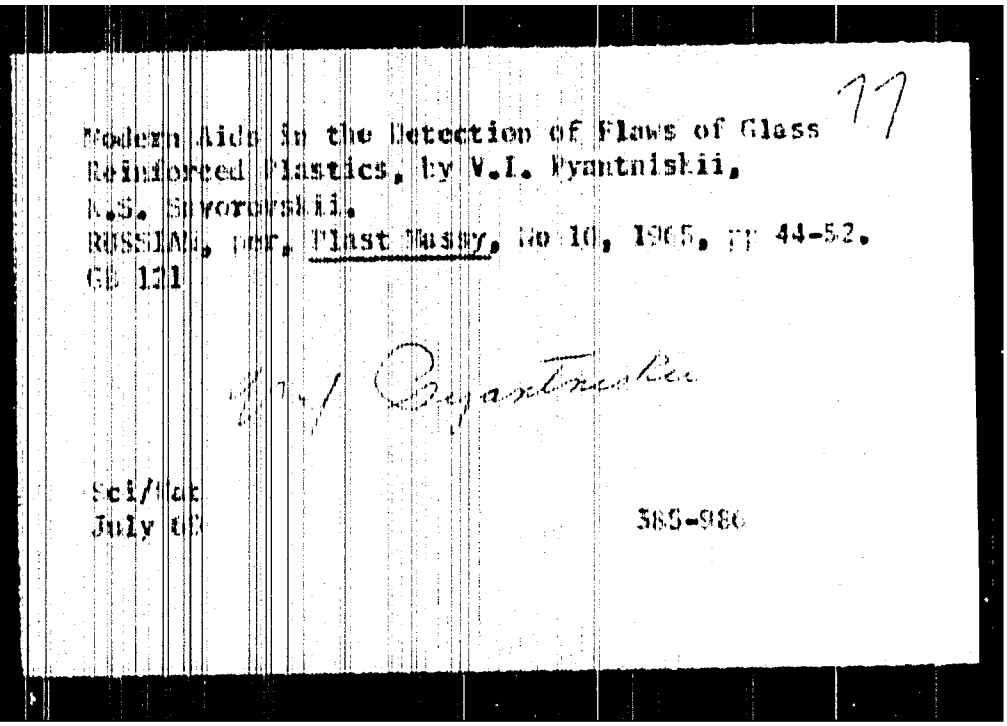
APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



V.P. Pyankov

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



Modern Aids in the Detection of Flaws of Glass Reinforced Plastics, by V.I. Dyantniskii, L.S. Sivorovskii.
RUSSIAN, mgf. Tlast Massy, No 10, 1965, pp 44-52.
GB 121

77

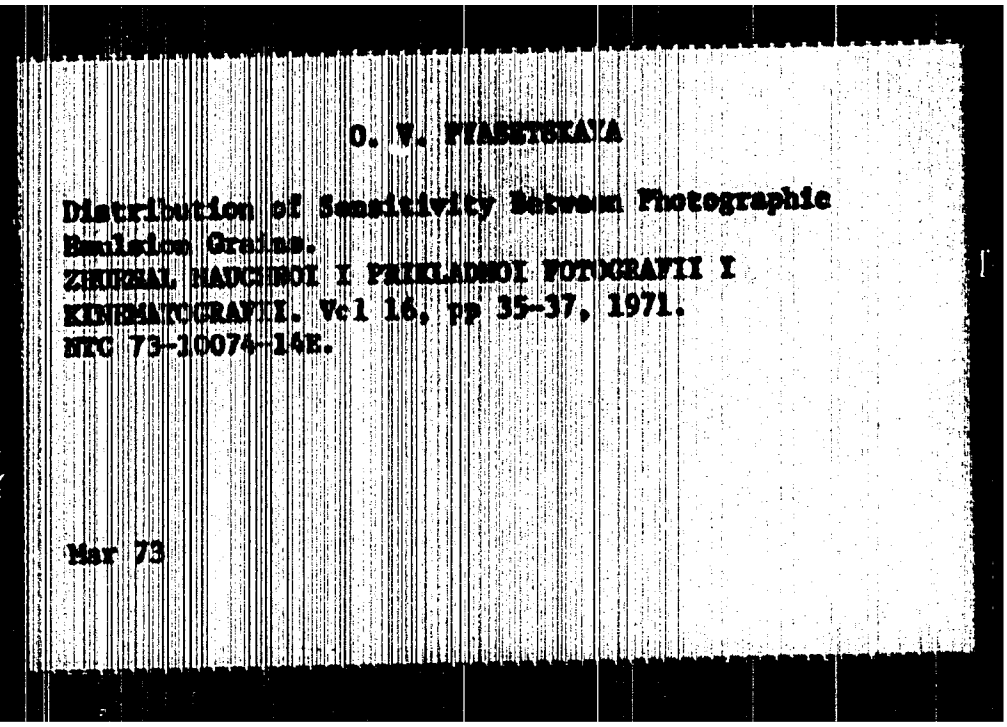
Dyantniskii

Sci/Tech
July 66

385-986

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



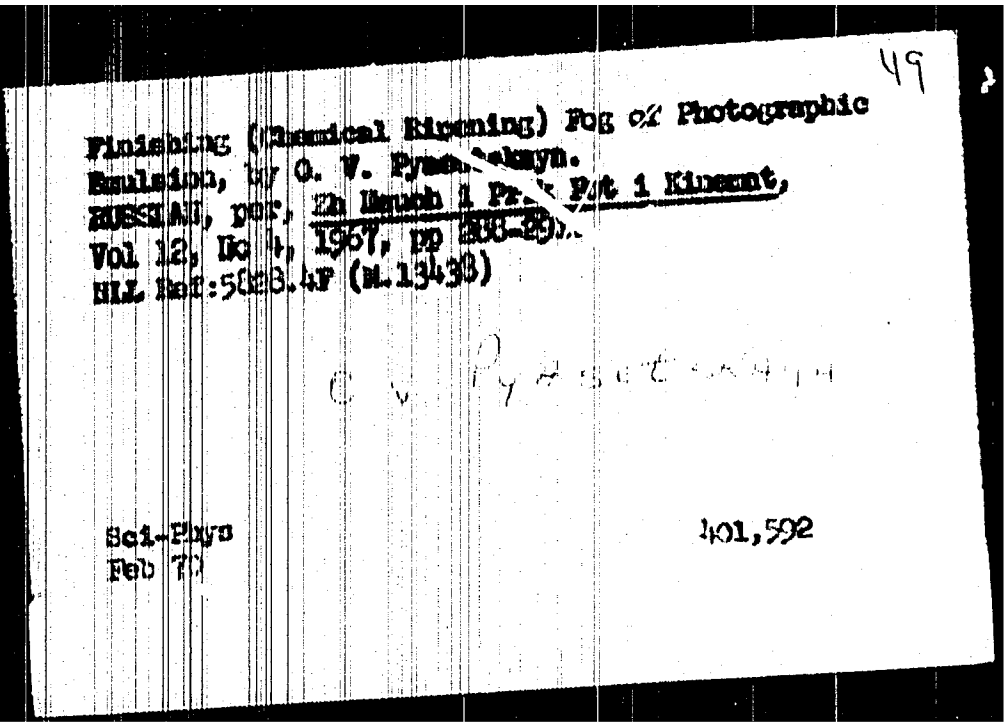
O. V. PYASETSKAYA

Distribution of Sensitivity Between Photographic Emulsion Grains.
ZHURNAL NAUCHNOI I PRIKLADNOI FOTOGRAFII I KINEMATOGRAFII. Vol 16, pp 35-37, 1971.
NTC 73-10074-14E.

Mar 73

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



49

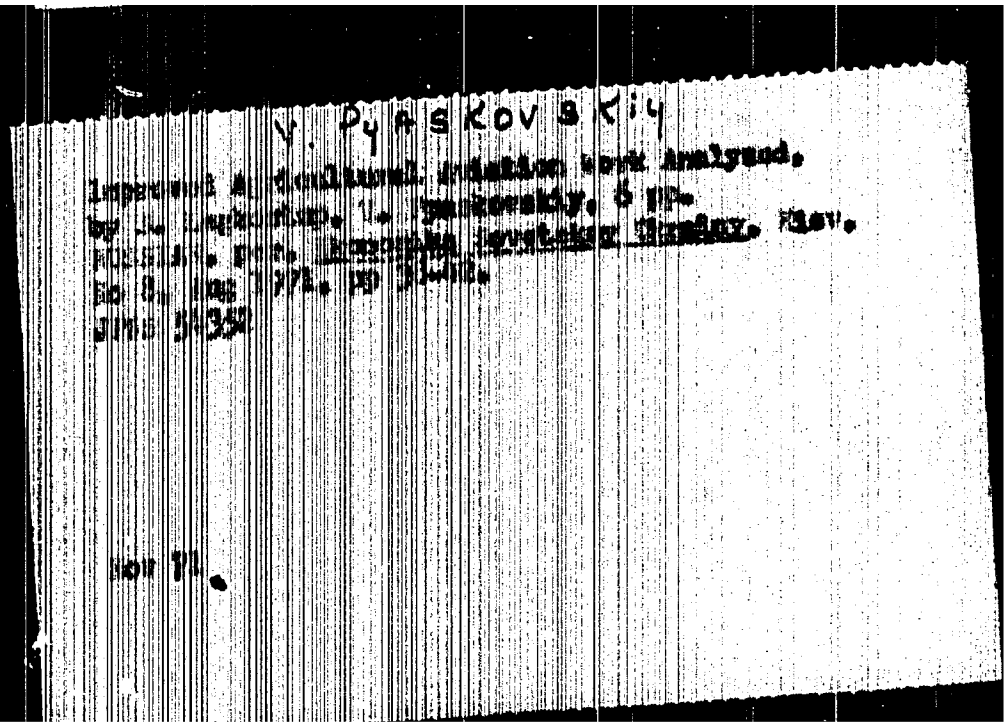
Finishing (Chemical Blooming) Fog of Photographic Emulsion, by O. V. Pyne[illegible]kayn.
RUSSIAN, per. Zh Nauch i Prik Fot i Kinematt,
Vol 12, No 4, 1967, pp 288-29[illegible].
HLL Ref:5[illegible]3.4F (M.13438)

Sci-Phys
Feb 70

401,592

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



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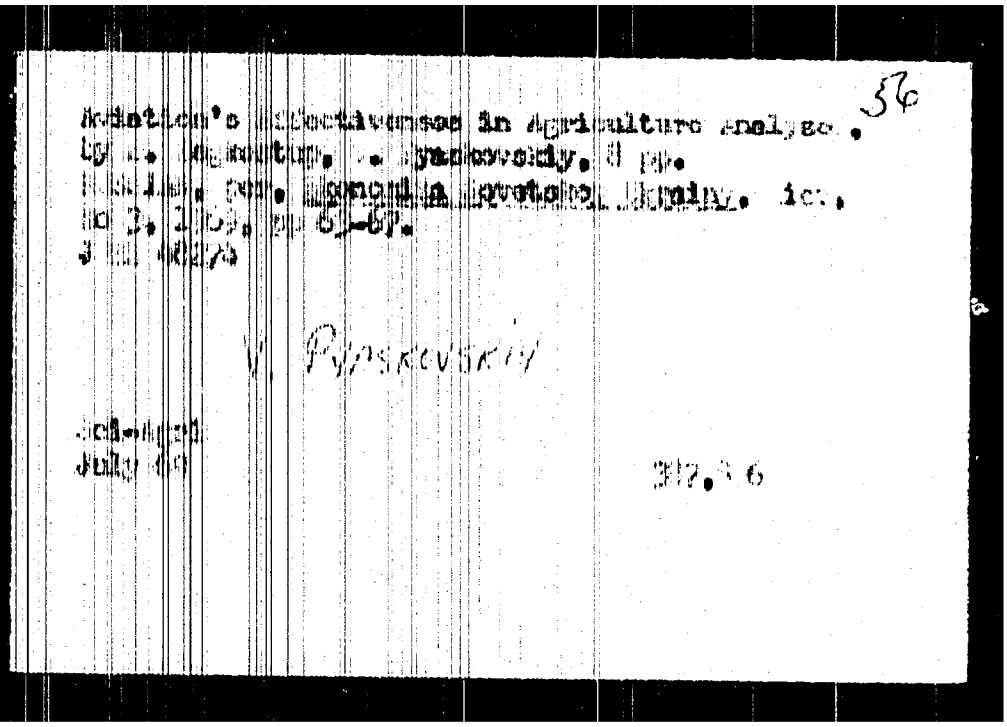


56

V. Ryabkevich

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

The Role of Finishing (Chemical Ripening) of Various Fractions of Photographic Emulsion, by O. V. Pyasetskaya, 5 pp. RUSSIAN, per. Zhur Nauch i Prik Foto i Kine, Vol XI, No 6, 1966, pp 422-424.
CIA/FDD K-1865
NO FOREIGN DISSEM

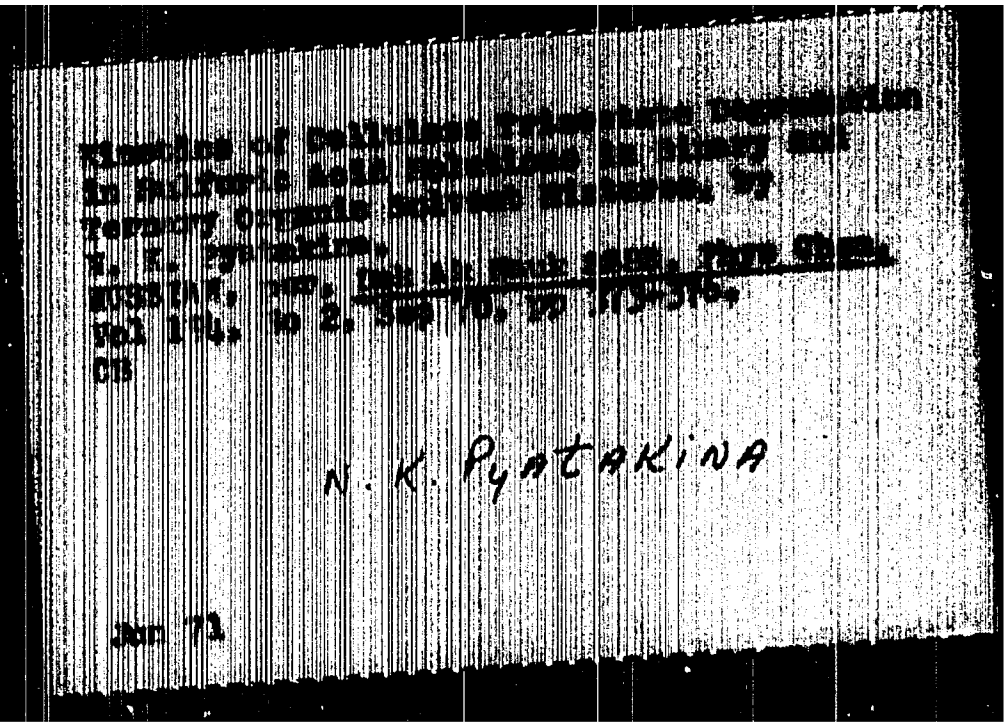
O. V. Pyasetskaya

Sci
Nov 67
USIB Internal Use Only

320,540

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

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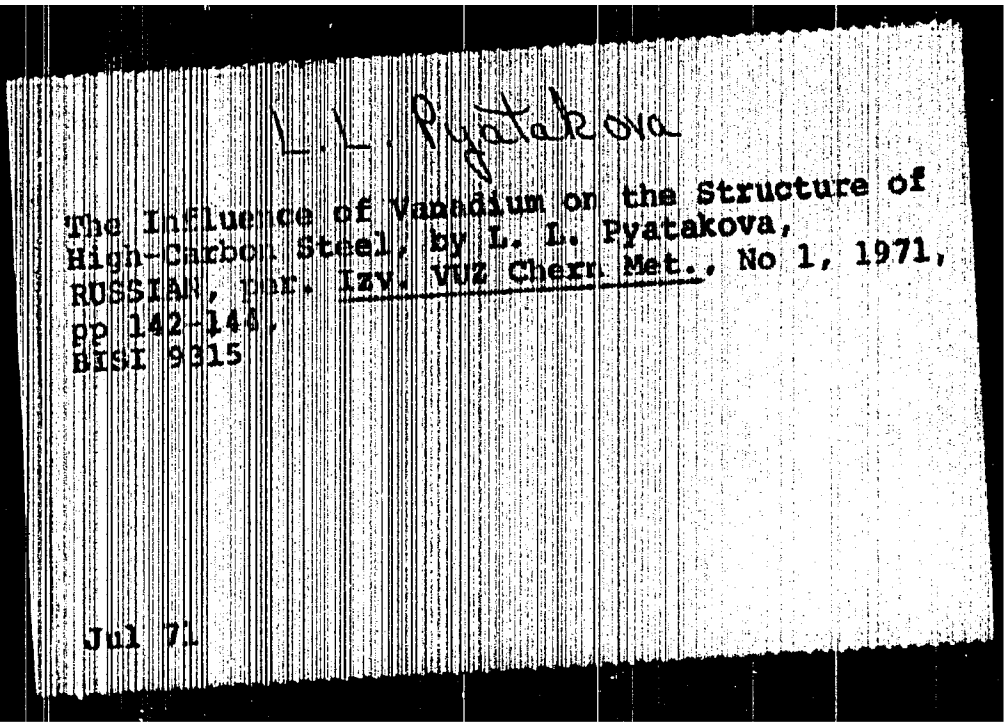


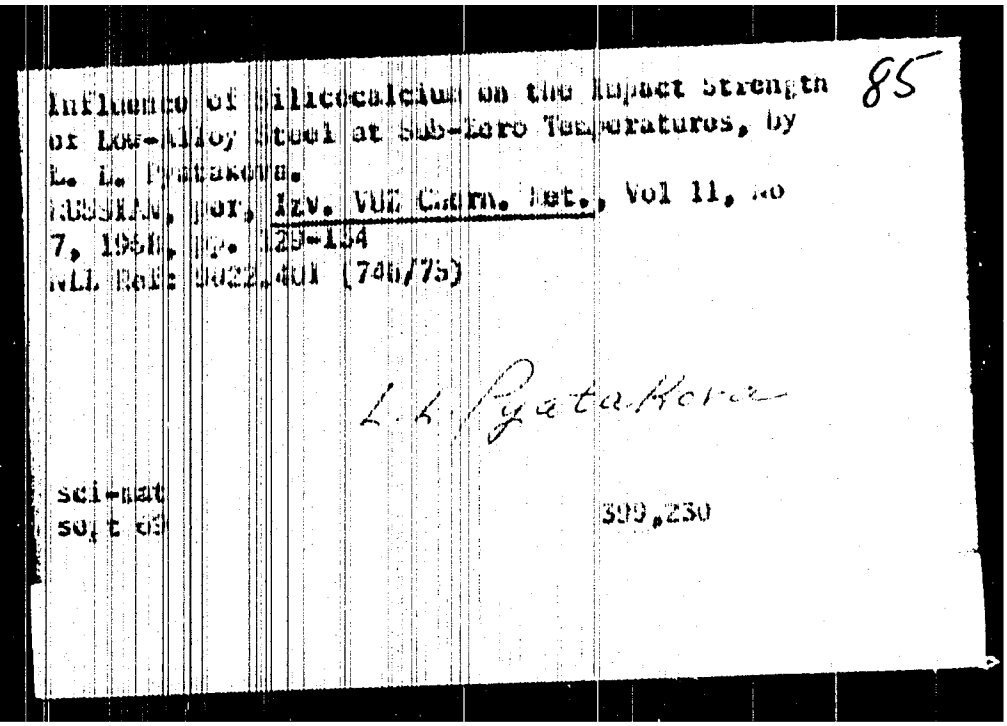
L. L. Pyatakova

The Influence of Vanadium on the Structure of High-Carbon Steel, by L. L. Pyatakova, RUSSIAN, Par. Izv. Vuz Chern. Met., No 1, 1971, pp 142-144, Bibl 9315

Jul 71

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



Influence of silicocalcium on the impact strength
of low-alloy steel at sub-zero Temperatures, by
L. L. Pyatakova.
RUSSIAN, Izv. VUZ Chern. Met., Vol 11, No
7, 1968, pp. 129-134
WLL Ref: 9022,401 (74b/75)

85

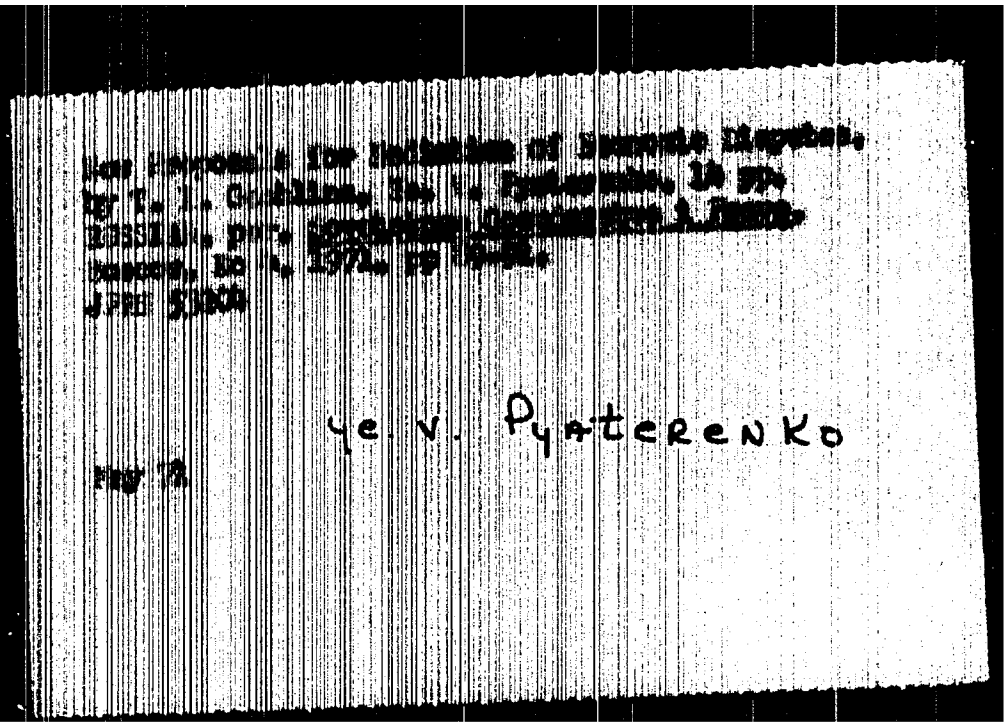
L. L. Pyatakova

sci-nat
soft 65

309,230

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

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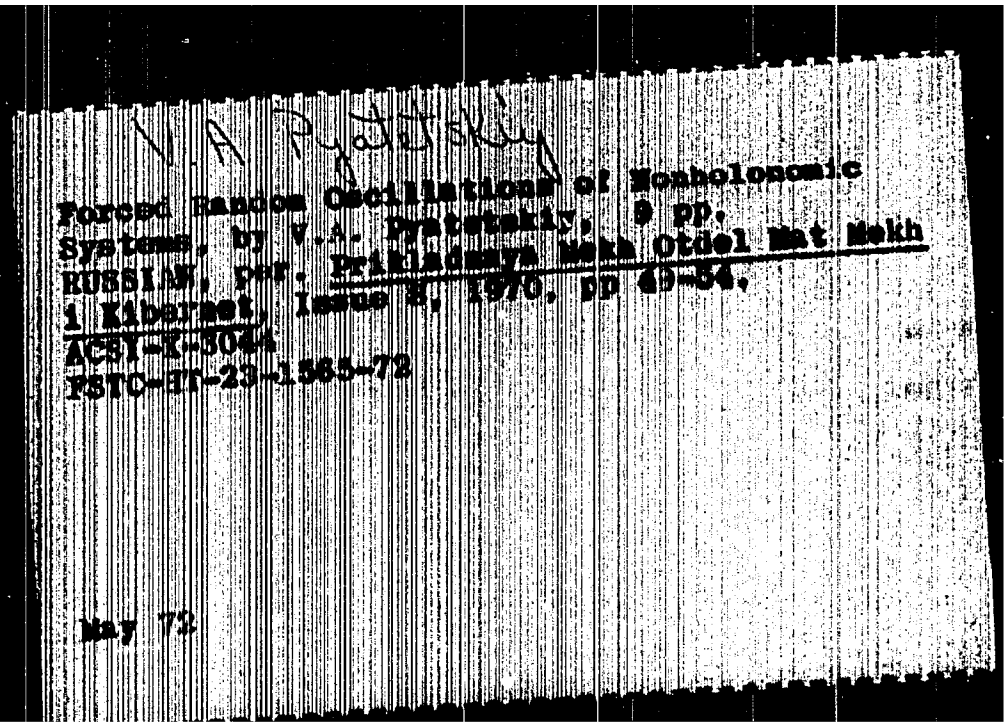
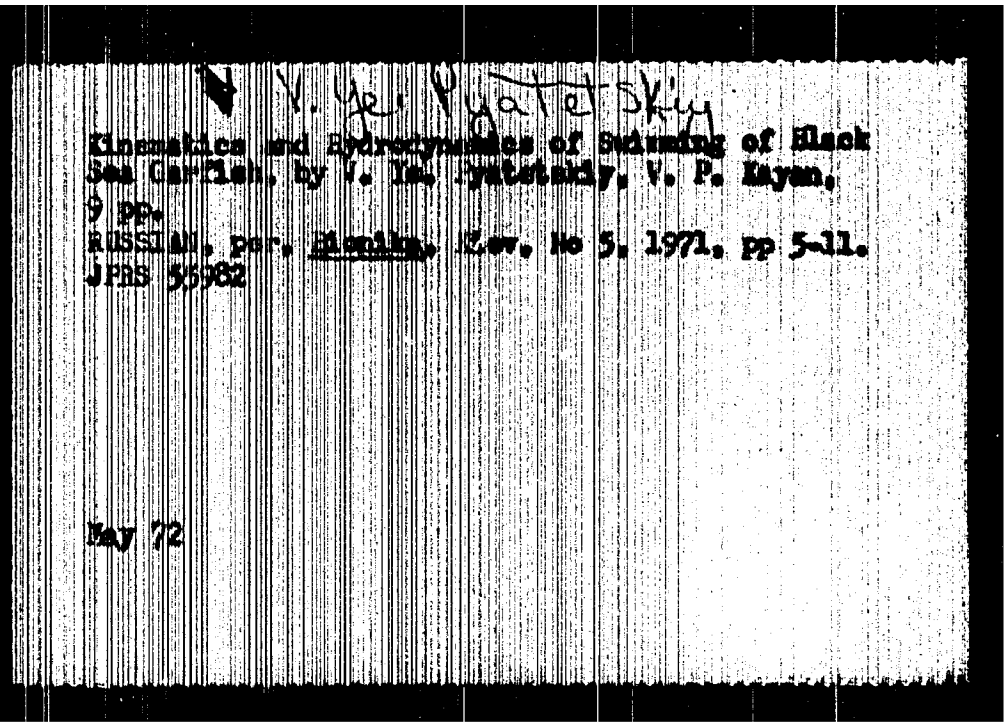


Forced Resonance Oscillations of Nonholonomic
Systems, by V.A. Pratsiokiy, 9 pp,
RUSSIAN, pub. Prikladnaya Mekh Otdel Mat Mekh
i Kibernet, Issue 2, 1970, pp 49-54,
AD-K-304,
FSTC-HT-23-1585-72

May 72

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



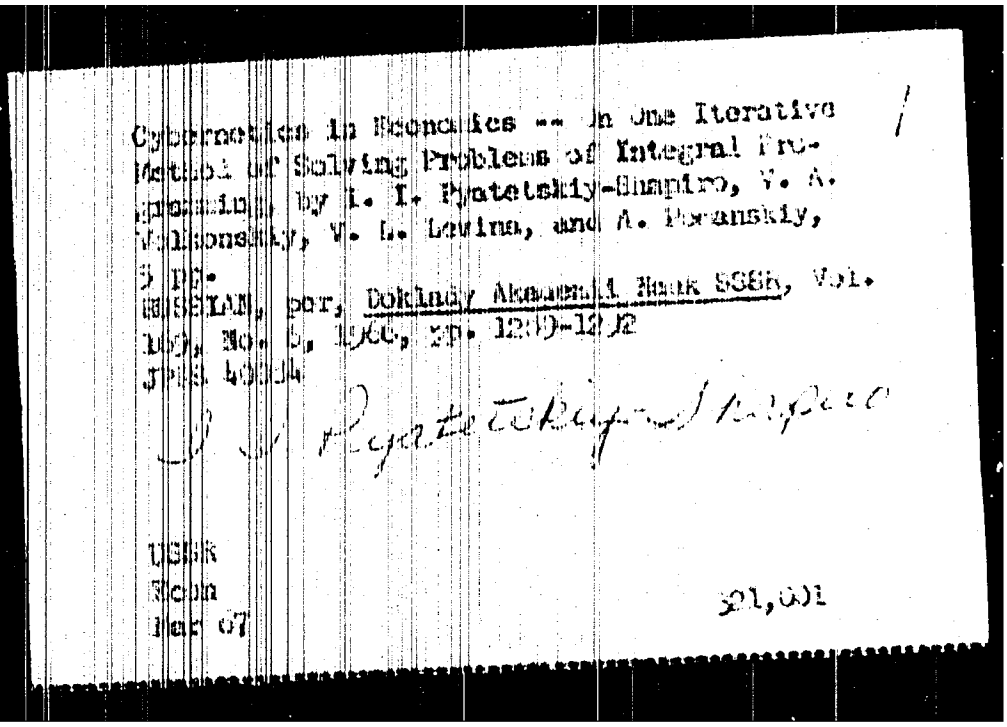
V. Ye. Vyatchin

Kinematics and Hydrodynamics of Swimming of Black Sea Cartilaginous Fish, by V. Ye. Vyatchin, V. P. Kayun, 9 pp.
RUSSIAN, per. Rybnoye, Kaz. No 5, 1971, pp 5-11.
JPRS 55982

May 72

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



Cybernetics in Economics -- An One Iterative Method of Solving Problems of Integral Programming, by I. I. Pyatetskiy-Shapiro, V. A. Volkonskiy, V. L. Levina, and A. Beranskiy,

5 pp.

[illegible], por, Doklady Akademii Nauk SSSR, Vol. 167, No. 6, 1966, pp. 1239-1242

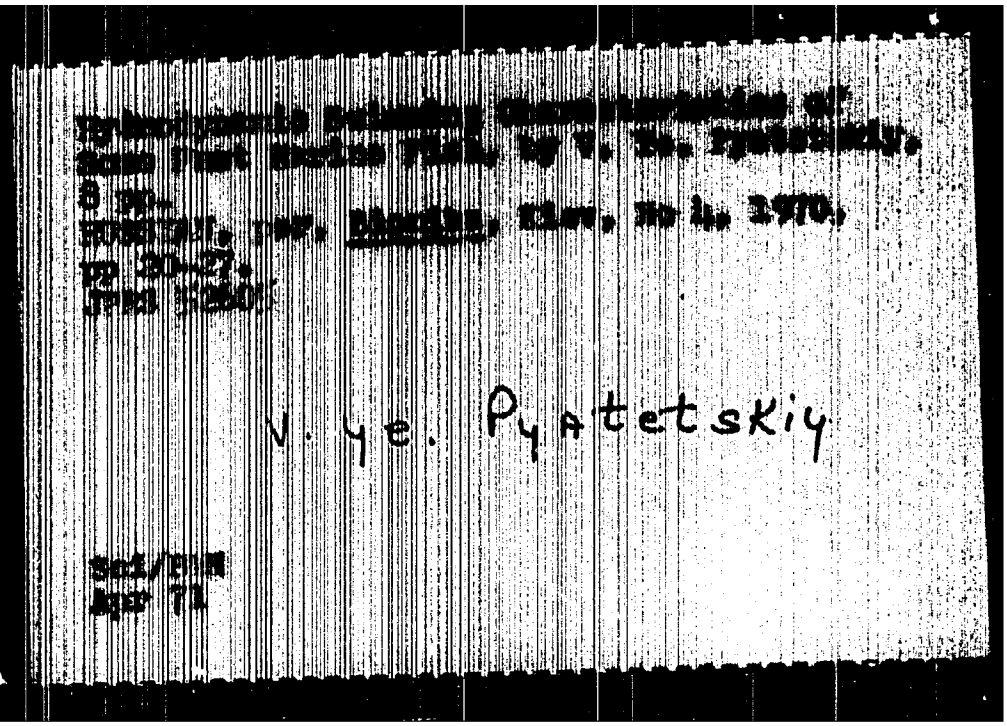
JPRS 40004

USSR
Econ
Dec 67

21,001

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



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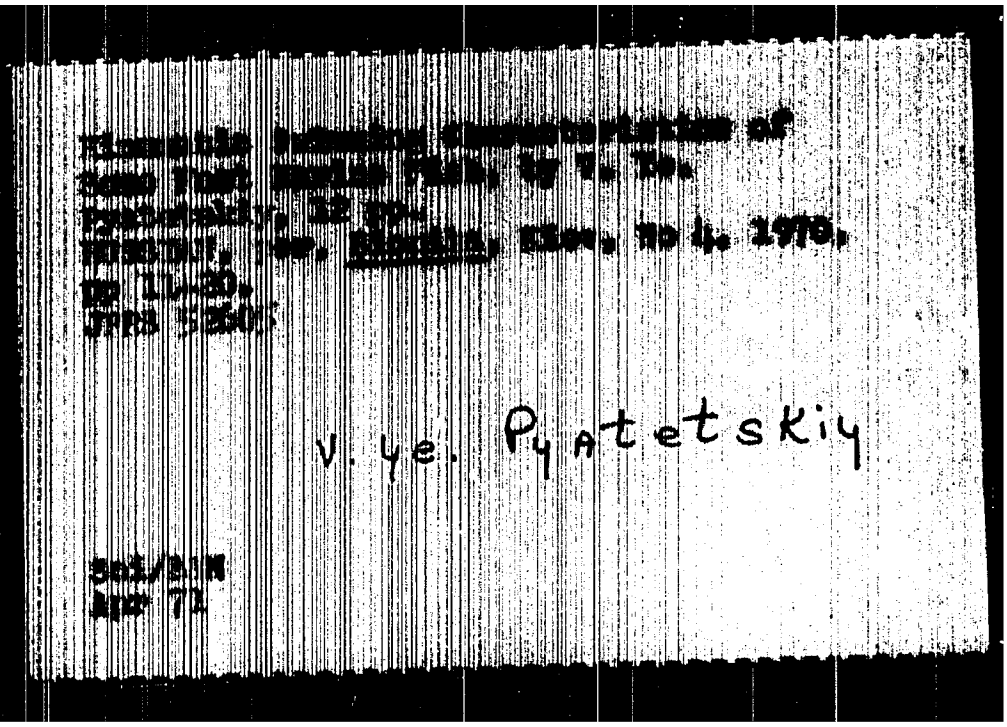

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

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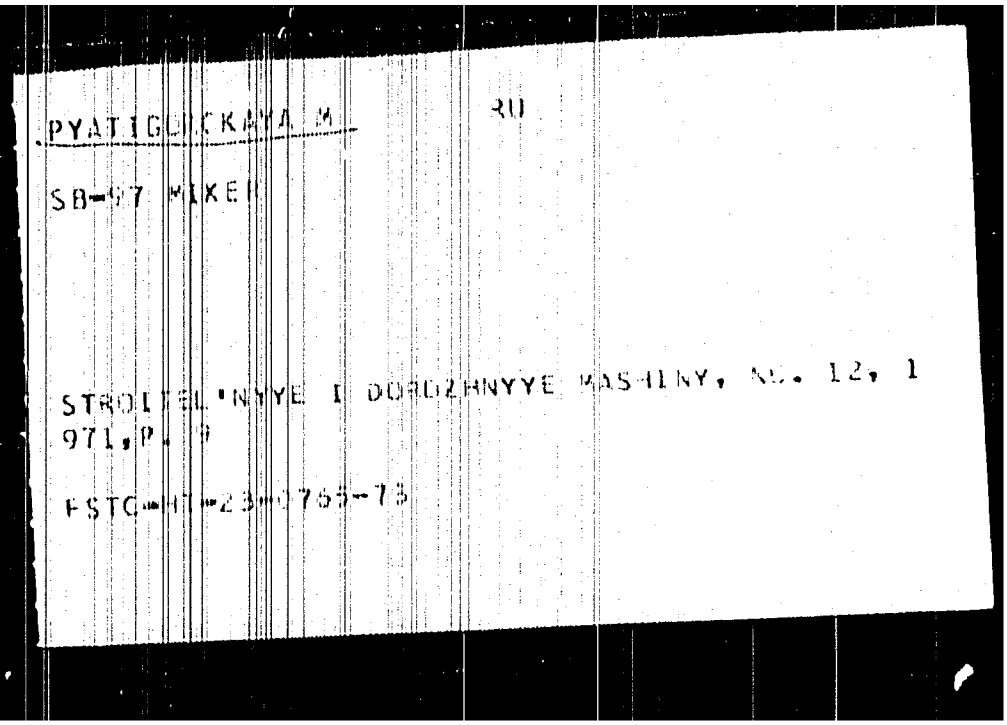

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

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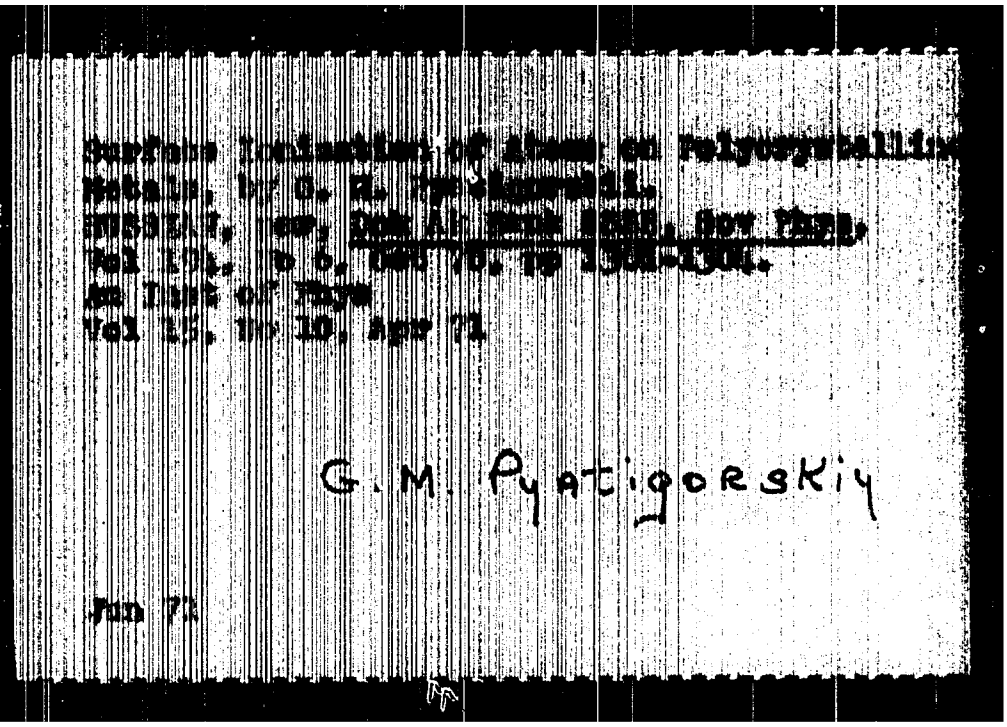


APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

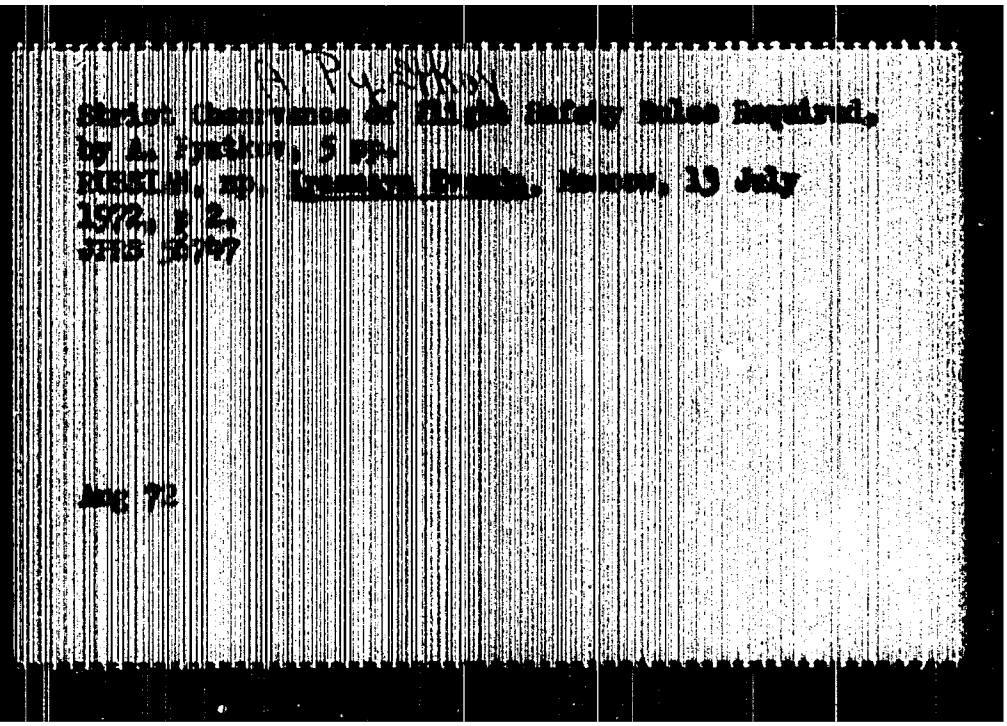
Formation of Uvarovite in Solid Phase Reactions at Normal Pressure, by P. D. Pyatikop, L. I. Karyakin. RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181, No 6, 1968, pp 1442-1444.
AGI

P. D. Pyatikop

Apr 69 370,951

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



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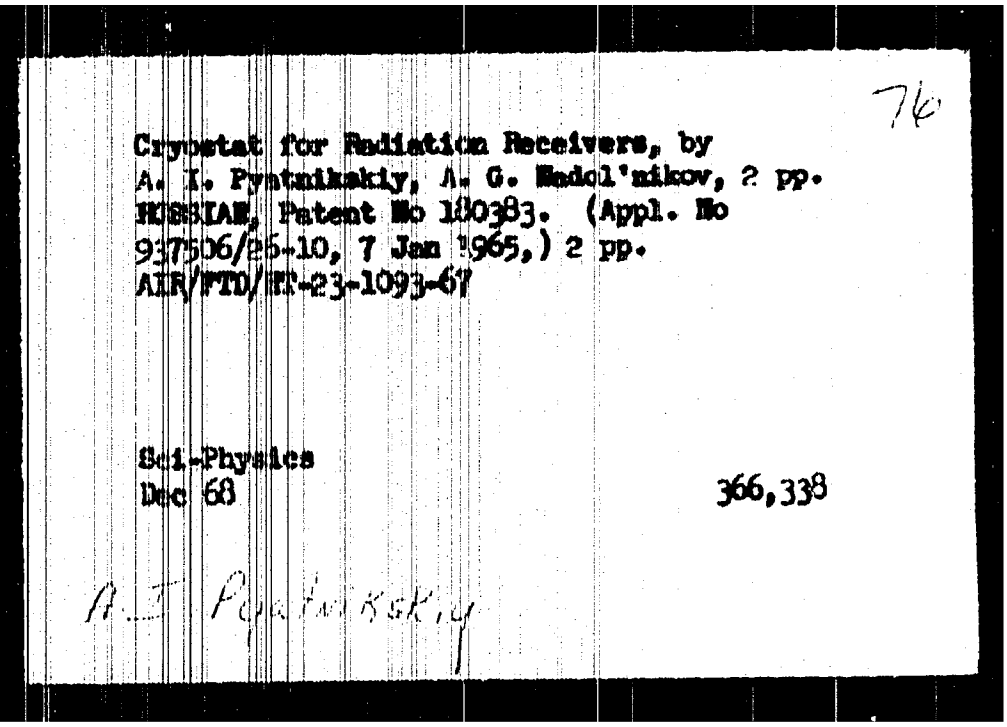


76

Cryostat for Radiation Receivers, by
A. I. Pyatnitskiy, A. G. Nadol'nikov, 2 pp.
RUSSIAN, Patent No 180383. (Appl. No
937506/25-10, 7 Jan 1965,) 2 pp.
AIR/FTD/TT-23-1093-67

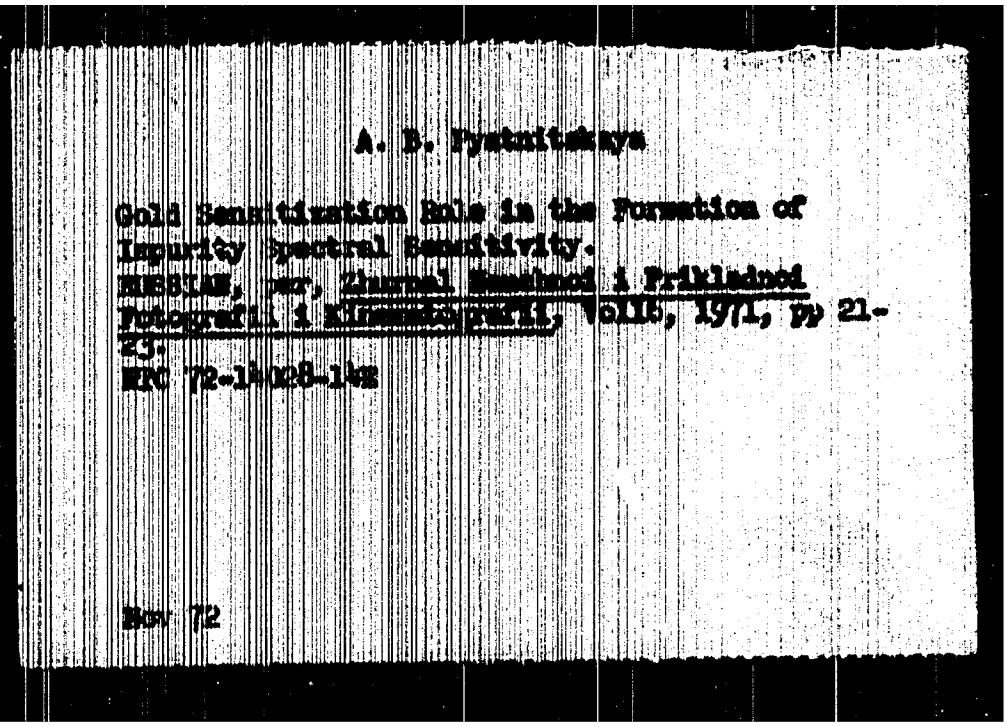
Sci-Physics
Dec 68

366,338

A. I. Pyatnitskiy

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



A. B. Pyatnitskaya

Cold Sensitization Role in the Formation of Impurity Spectral Sensitivity.

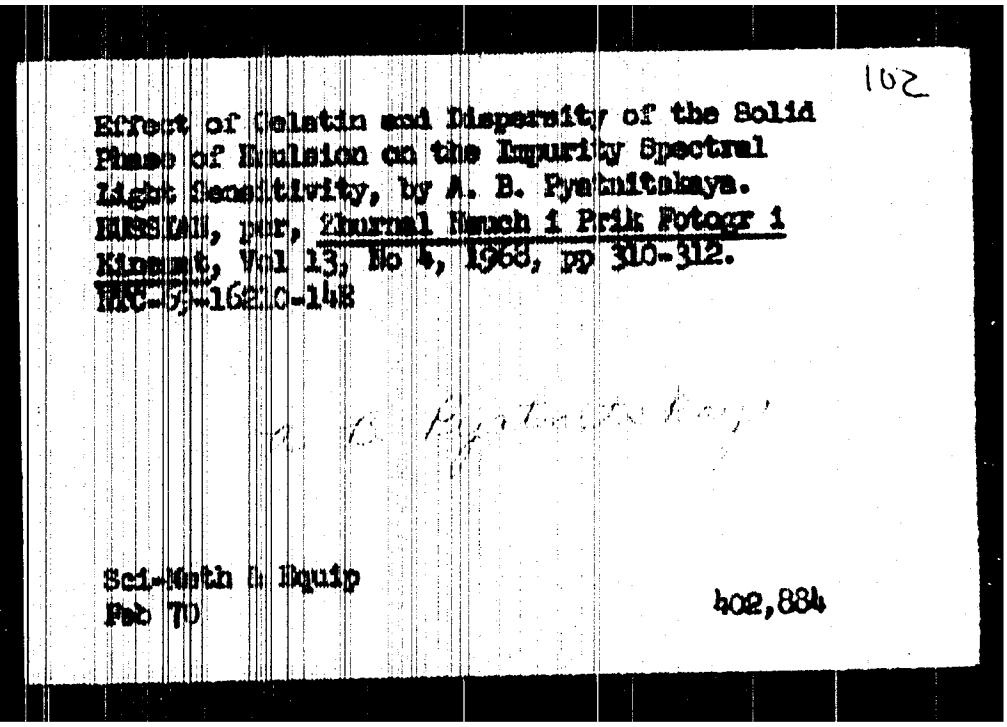
[illegible], zhurnal [illegible] i Prikladnoi Fotografii i Kinematografii, Vol 16, 1971, pp 21-23.

NRC 72-1A028-14E

Nov 72

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



102

Effect of Gelatin and Dispersity of the Solid Phase of Emulsion on the Impurity Spectral Light Sensitivity, by A. B. Pyatnitskaya. USSR, pub, Zhurnal Nauch i Prik Fotogr i Kinematk, Vol 13, No 4, 1968, pp 310-312.
FTC-[illegible]-1621-0-148

A. B. Pyatnitskaya

Sci-Meth & Equip
Feb 70

402,884

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

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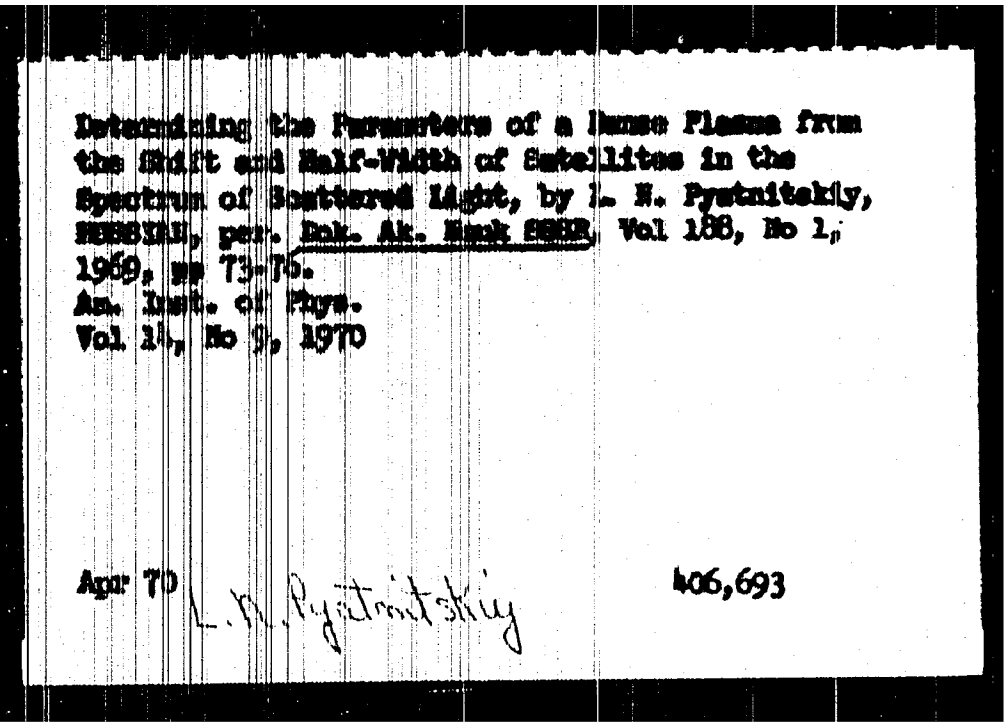
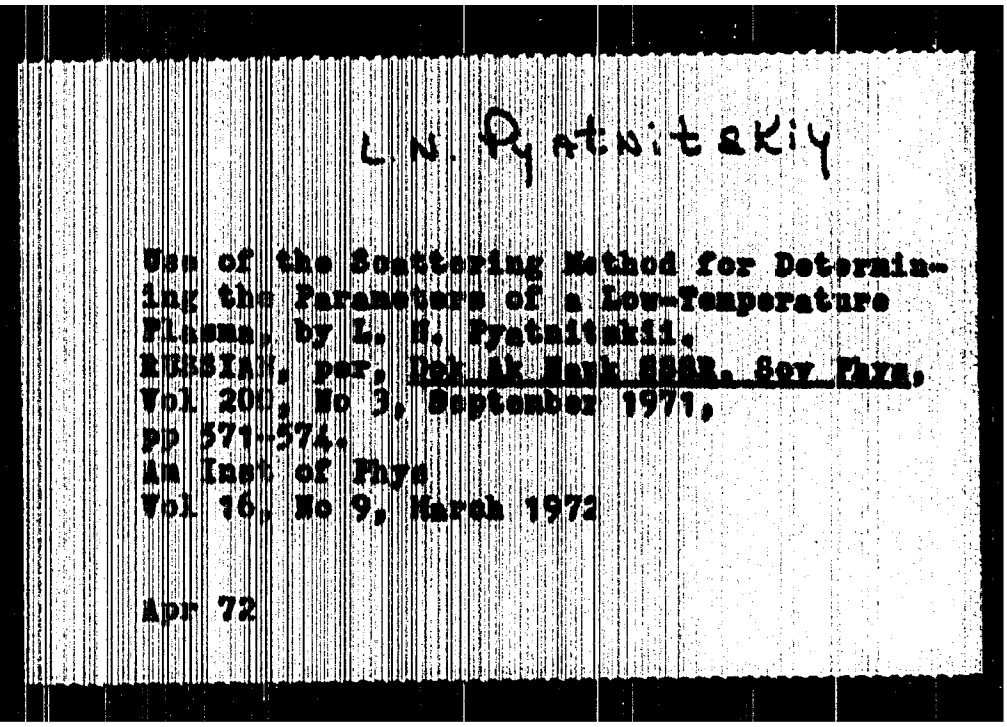


Determining the Parameters of a Dense Plasma from the Shift and Half-Width of Satellites in the Spectrum of Scattered Light, by L. M. Pyatnitskiy, RZhFiz, per. Dok. Ak. Nauk SSSR, Vol 188, No 1, 1969, pp 73-75.
Am. Inst. of Phys.
Vol 11, No 9, 1970

Apr 70 L. M. Pyatnitskiy 406,693

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



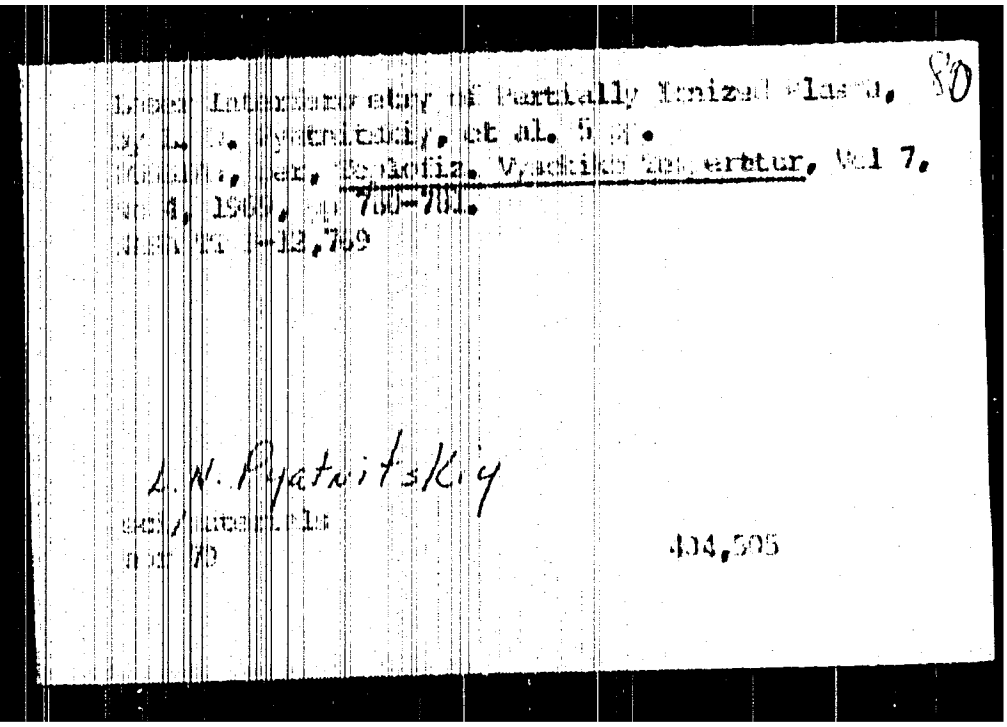
L.N. Pyatnitskiy

Use of the Scattering Method for Determining the Parameters of a Low-Temperature Plasma, by L. N. Pyatnitskii, RUSSIAN, per, Dok Ak Nauk SSSR, Ser Fizz, Vol 200, No 3, September 1971, pp 571--574, AM Inst of Phys Vol 16, No 9, March 1972

Apr 72

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



Laser Interferometry of Partially Ionized Plasma,
[illegible] et al. 5 pp.
[illegible], ed., Fizika. Vychislitel'naya Tekhnika, Vol 7,
[illegible], 1968, pp 700-701.
[illegible]-12,709

80

L. N. Pyatnitskiy

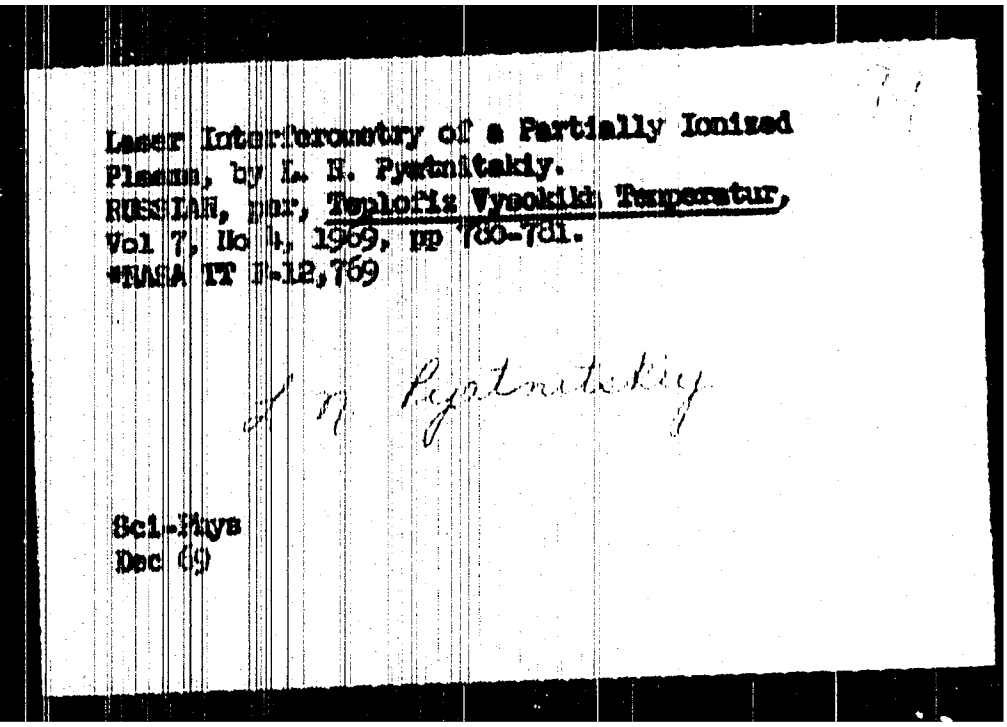
[illegible]

[illegible]

404,505

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



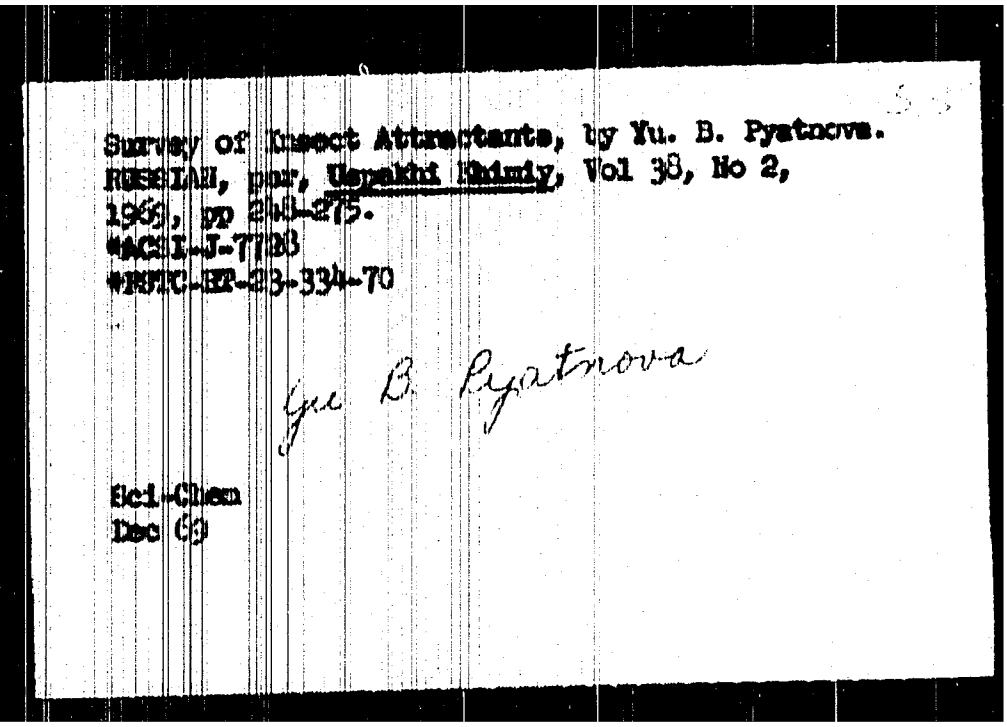
Laser Interferometry of a Partially Ionized Plasma, by L. N. Pyatnitskiy.
RUSSIAN, pub, Teplofiz Vysokikh Temperatur, Vol 7, No 4, 1969, pp 780-781.
NASA TT F-12,769

L N Pyatnitskiy

Sci-Phys
Dec 69

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



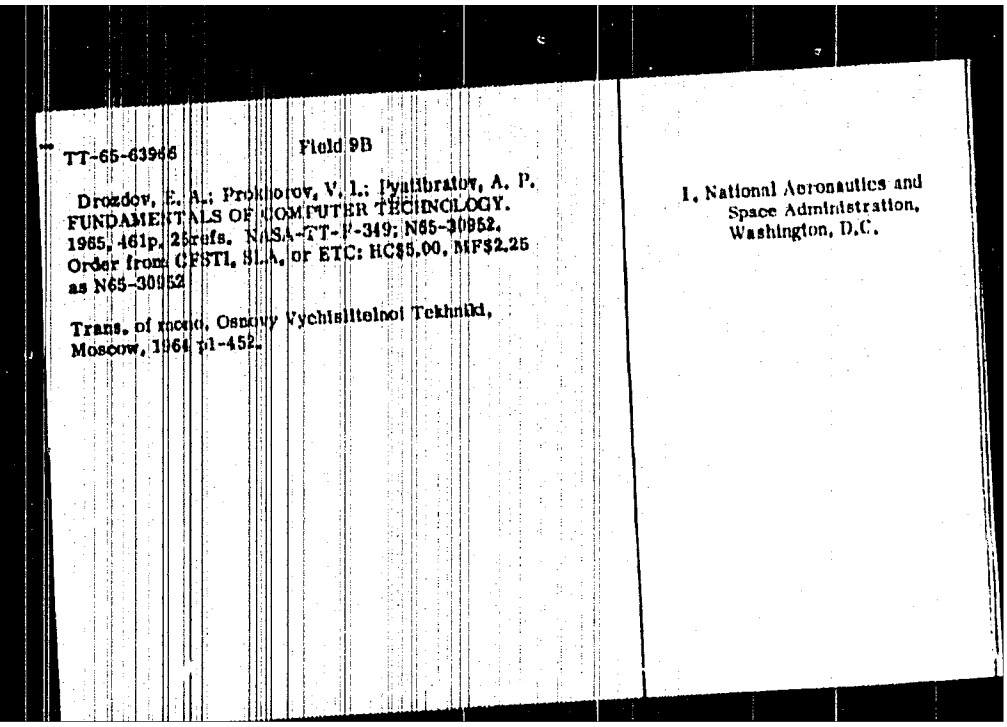
Survey of Insect Attractants, by Yu. B. Pyatnova.
RUSSIAN, por, Uspekhi Khimii, Vol 38, No 2,
1969, pp 244-275.
*ACSI-J-7728
*RFIC-HP-23-334-70

Yu B. Pyatnova

Ref-Chem
Dec 69

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



TT-65-63968 Field 9B

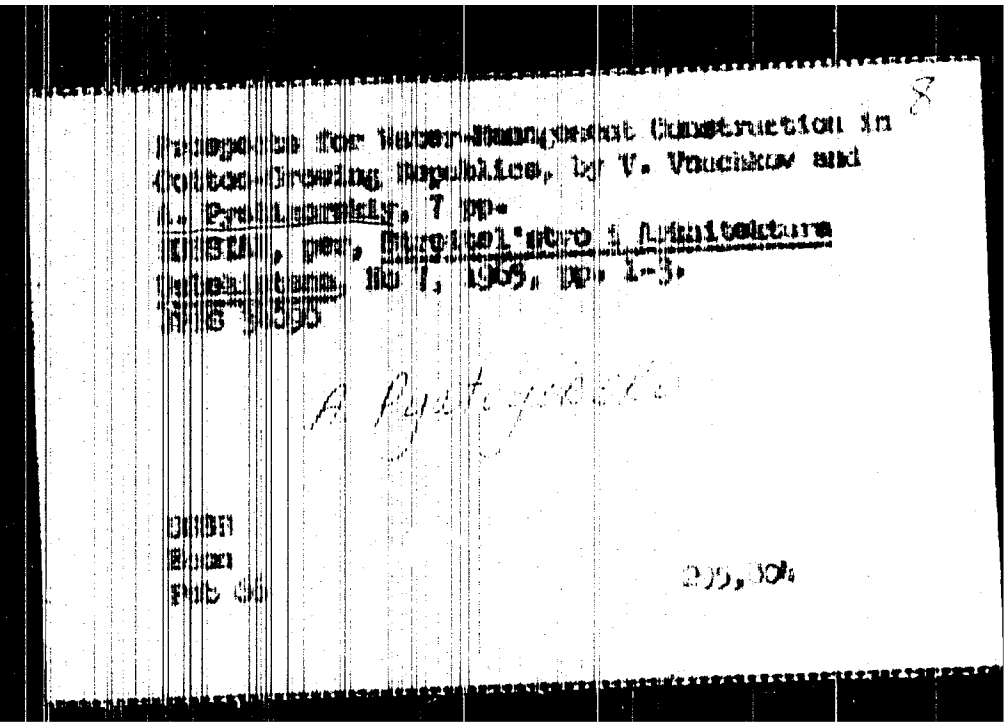
Drozdov, E. A.; Prokhorov, V. L.; Lyalikratov, A. P.
FUNDAMENTALS OF COMPUTER TECHNOLOGY.
1965, 461p. 25refs. NASA-TT-F-349; N65-30952.
Order from: CFSTI, SLA, or ETC: HC$5.00, MF$2.25
as N65-30952

Trans. of rncnd, Osnovy Vychislitelnoi Tekhniki,
Moscow, 1964 pl-452.

1. National Aeronautics and
Space Administration,
Washington, D.C.

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

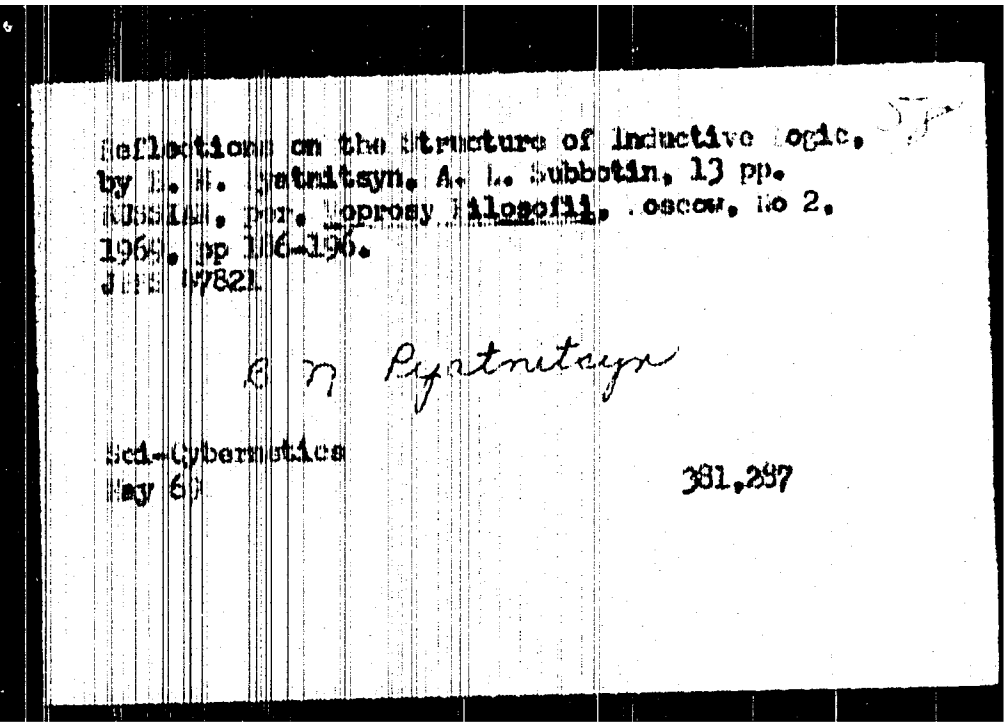
A. I. Pyatnichko

Heat-Exchange in Condensation of Freon-12 in a Tube With a Packing.
RUSSIAN, per, Kholodilnaya Tekhnika, No 7, 1968, pp 26-27.
K NTC 72-13701-20M

Nov 72

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



Reflections on the structure of inductive logic,
by L. N. Fyatnitsyn, A. L. Subbotin, 13 pp.
RUSSIAN, Per. Voprosy Filosofii, Moscow, No 2,
1965, pp 116-130.
JPRS 34782.

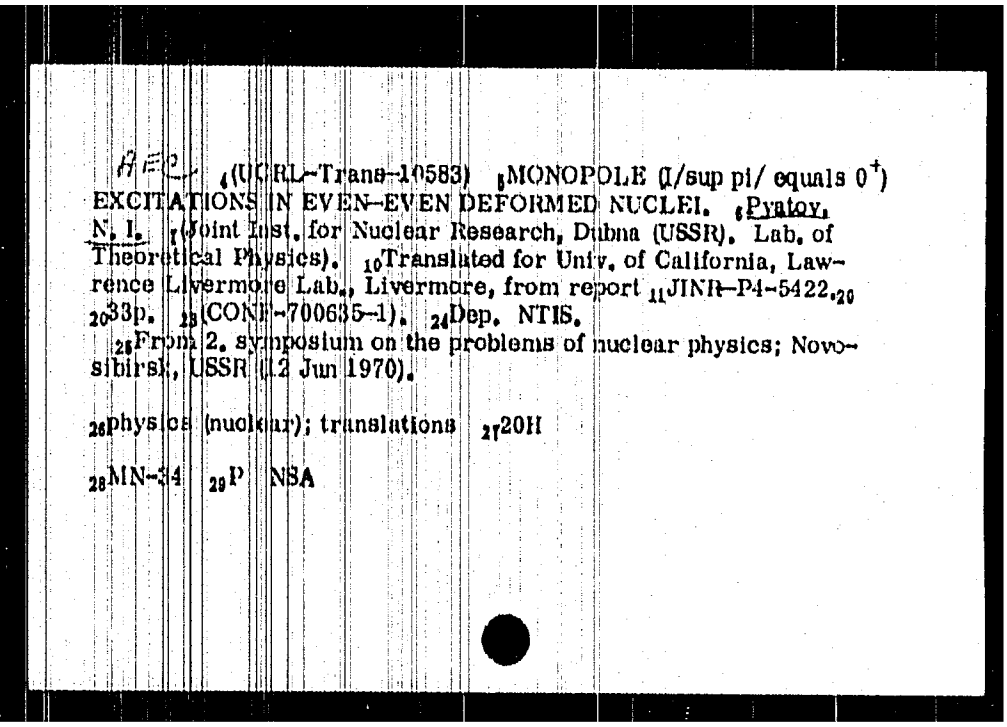
L N Fyatnitsyn

Sci-Cybernetics
May 66

381.297

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



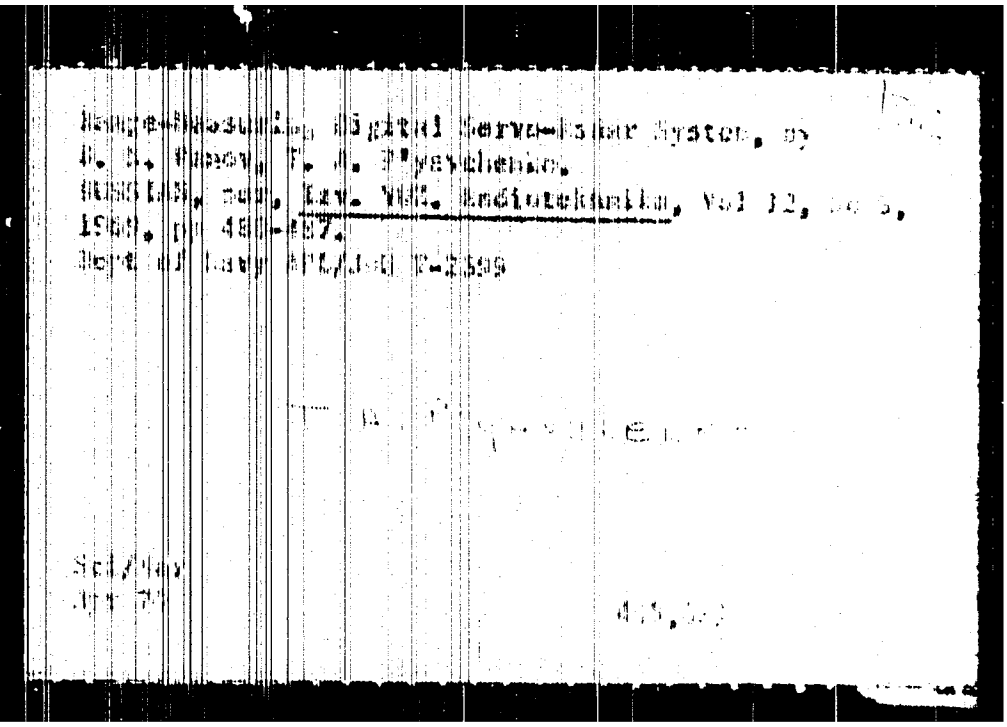
AEC- [4](UCRL-Trans-10583) [5]MONOPOLE (I/sup pi/ equals 0^+) EXCITATIONS IN EVEN-EVEN DEFORMED NUCLEI. [6]Pyatov, N. I. [7](Joint Inst. for Nuclear Research, Dubna (USSR). Lab. of Theoretical Physics). [10]Translated for Univ. of California, Lawrence Livermore Lab., Livermore, from report [11]JINR-P4-5422, [20]33p. [23](CONF-700635-1). [24]Dep. NTIS.
[25]From 2. symposium on the problems of nuclear physics; Novosibirsk, USSR (12 Jun 1970).

[26]physics (nuclear); translations [27]20H

[28]MN-34 [29]P NSA

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



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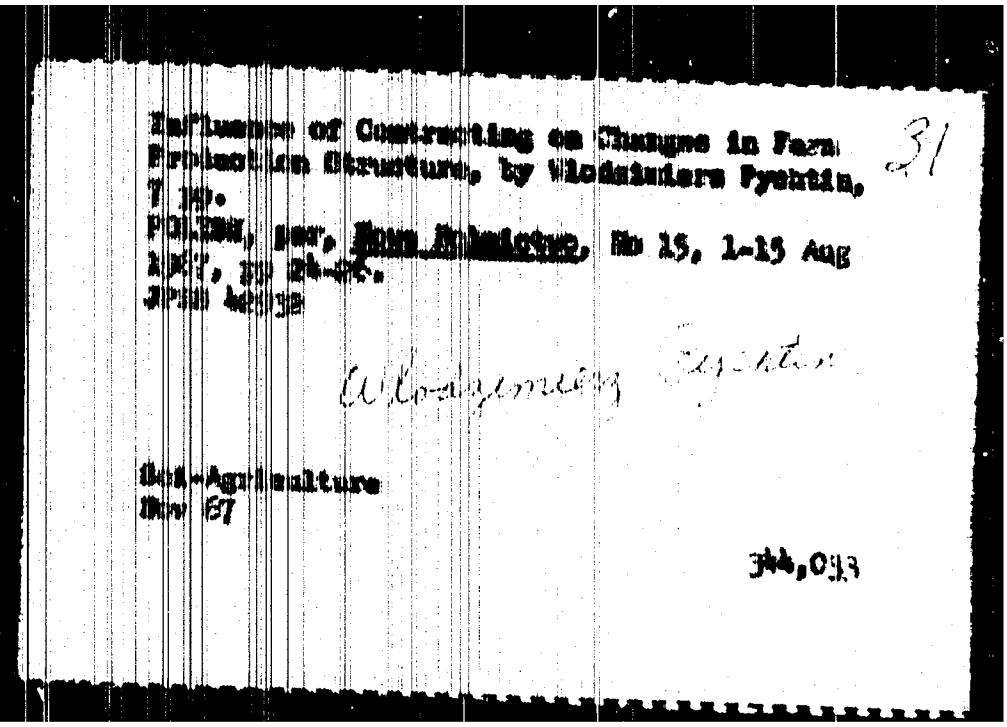


Influence of Constructing on Changes in Farm
Problem Structure, by Vladimirs Pyshtin,
7 pp.
Politika, Ser. Ekon. Issledov, No 15, 1-13 Aug
1967, pp 24-26.
[illegible]

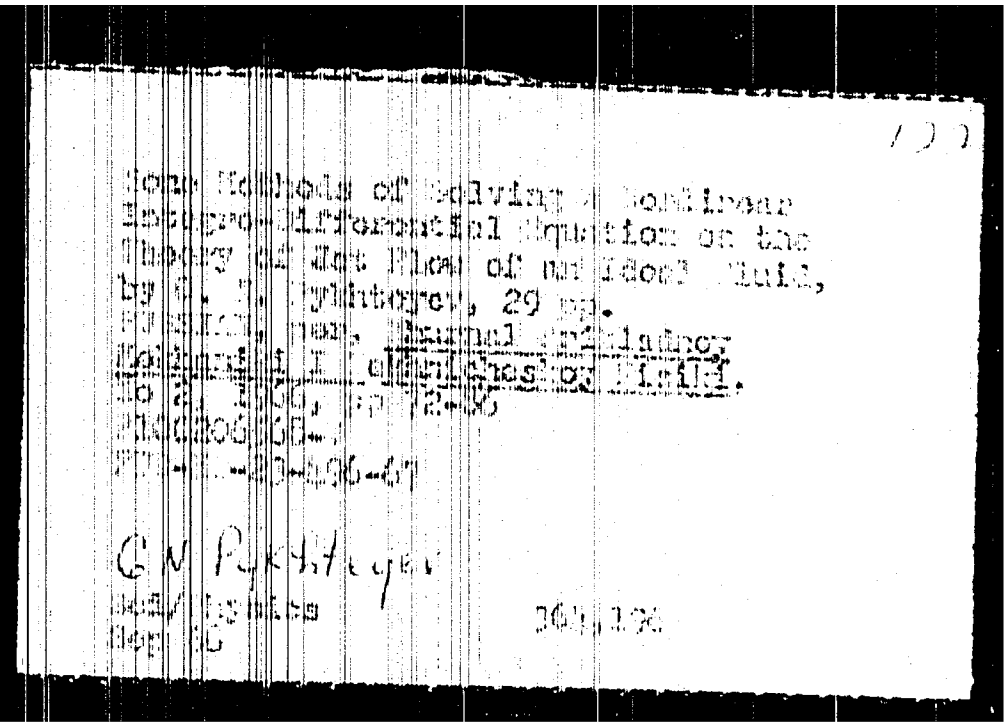
Reorganizing Agriculture

Ref-Agriculture
Nov 67

344,043

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

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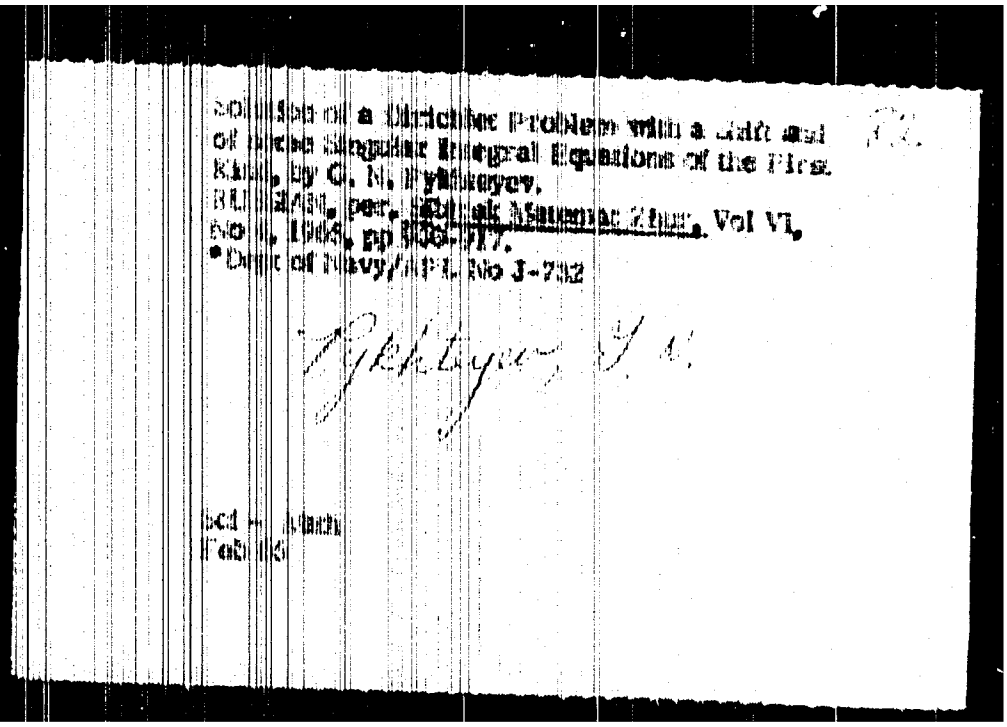


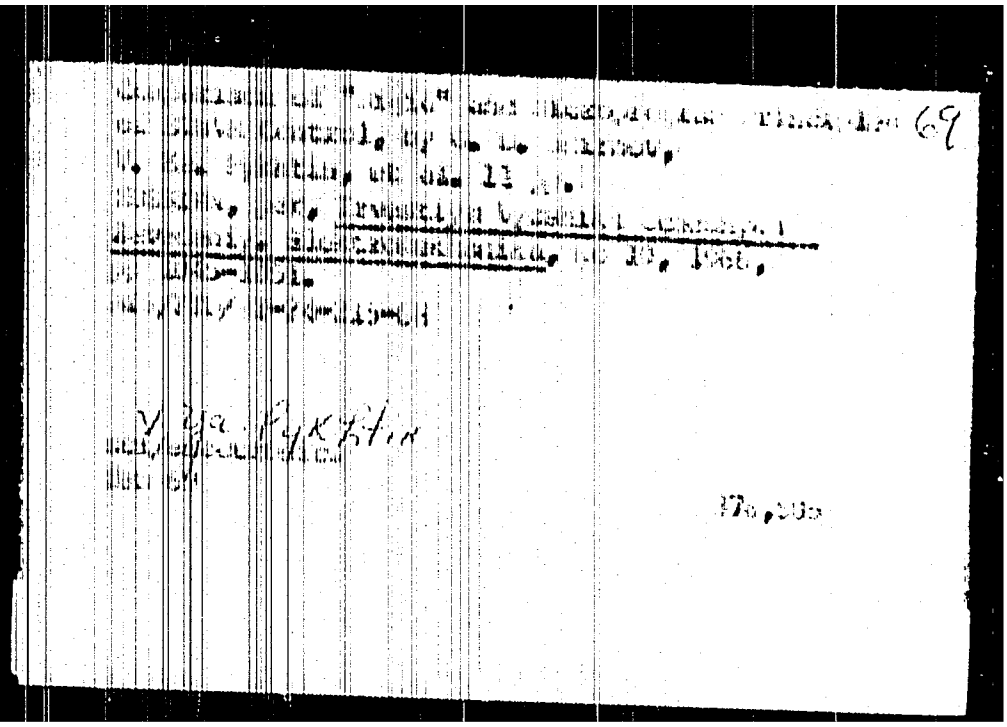
Solution of a Dirichlet Problem with a Shift and of Some Singular Integral Equations of the First Kind, by G. N. Pyatnitskiy,
Russian, per. Uchenyye Zapiski Kazanskogo Gosudarstvennogo Universiteta, Vol VI, No 1, 1955, pp 3-17.
*Dept of Navy/NPIC/No 3-782

Pyatnitskiy, G. N.

bcd - Math
Feb 63

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



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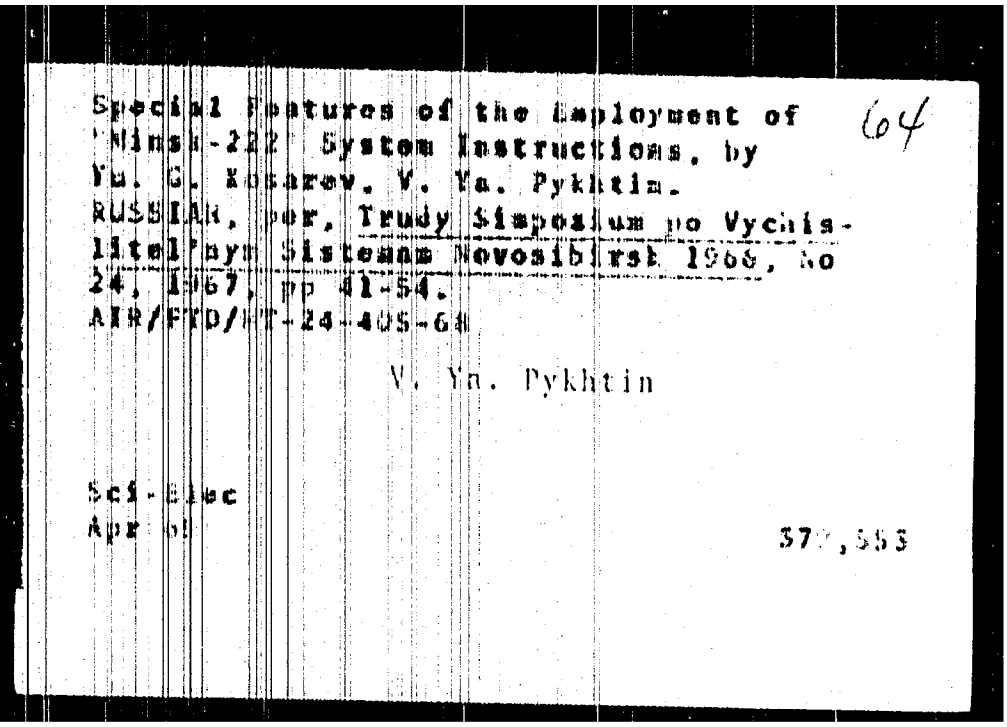
APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



Special Features of the Employment of "Minsk-222" System Instructions, by Yu. G. Kosarev, V. Ya. Pykhtin.
RUSSIAN, per. Trudy Simposium po Vychislitel'nym Sistemam Novosibirsk 1966, No 24, 1967, pp 41-54.
AIR/FTD/T-24-405-64

64

V. Yn. Pykhtin

Sci-Elec
Apr 64

377,553

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

Thin-Layer and Column Chromatographic Separation of Oligomers of the Polyethylene Terephthalate Type on Aluminum Oxide, by T. Fyl.

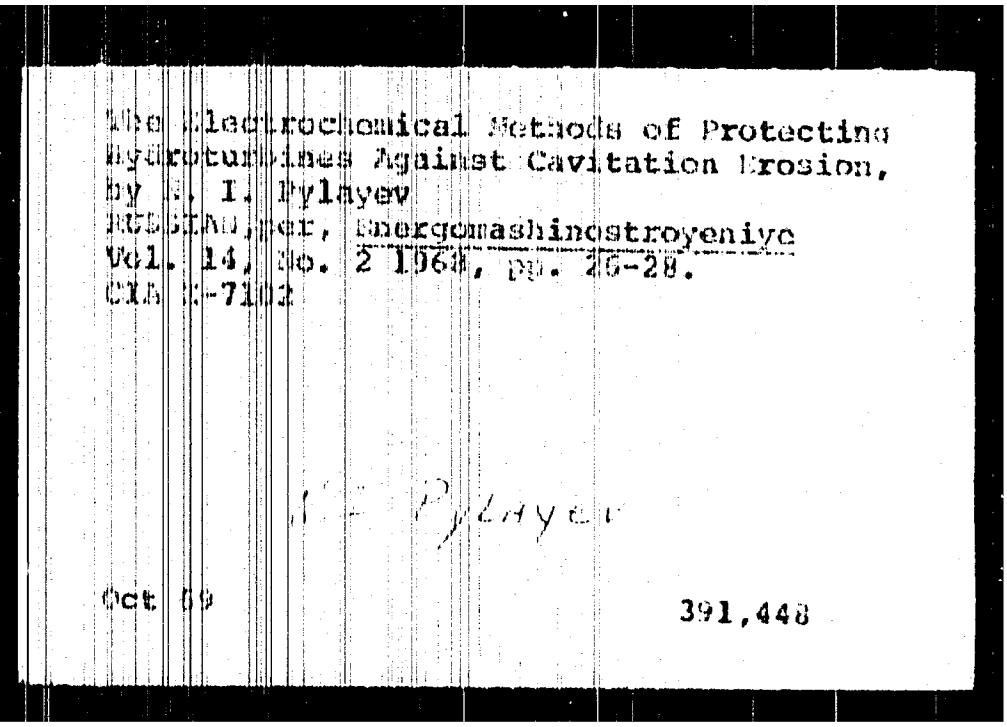
GERMAN, per. Plaste und Kautschuk, Vol 15, No 4, 1968, pp 274-275.

NIC-70-13076-07C

Feb 72

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



Use Electrochemical Methods of Protecting Hydroturbines Against Cavitation Erosion, by A. I. Bylayev
RZhKhim, Mekh, Energomashinostroyeniye
Vol. 14, No. 2 1968, pp. 26-28.
CSA 68-7102

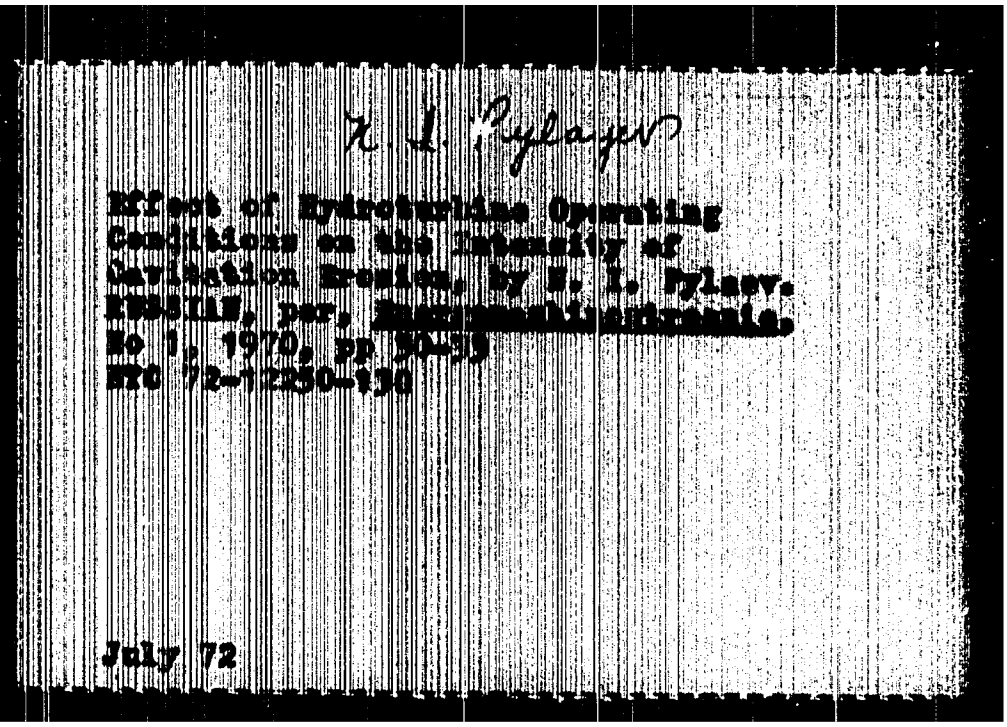
A. I. Bylayev

Oct 69

391,448

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

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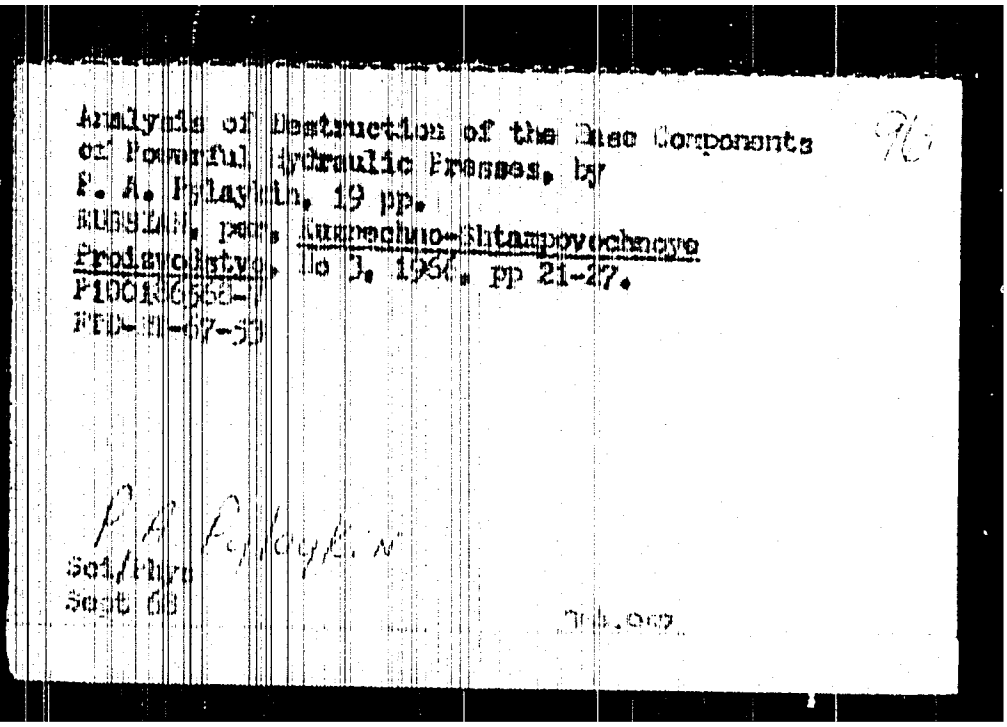


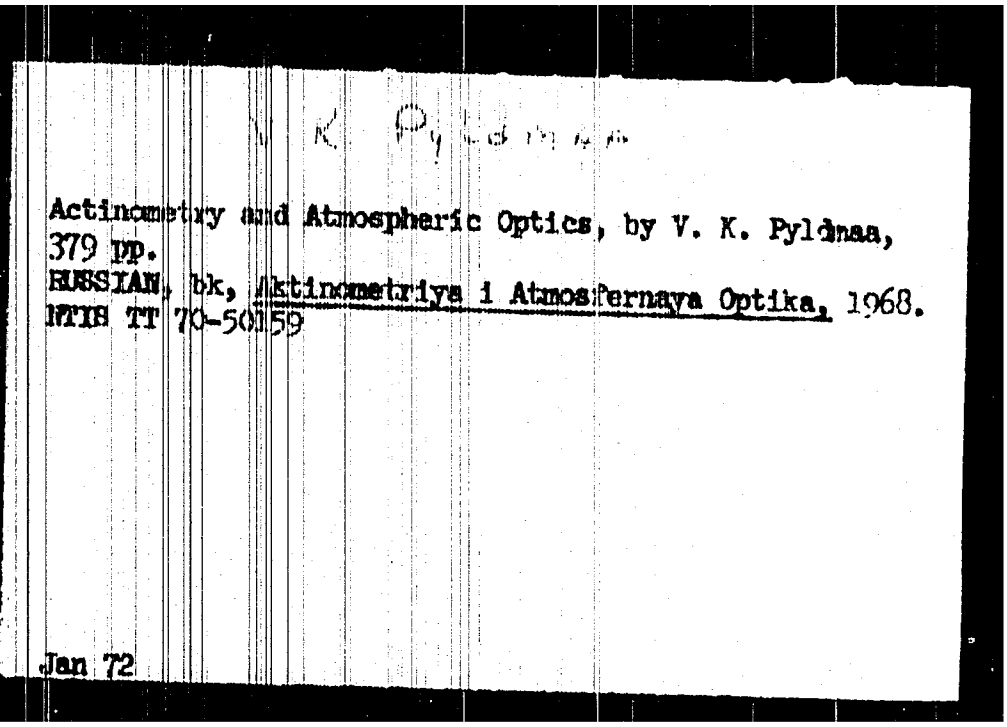
Analysis of Destruction of the Disc Components
of Powerful Hydraulic Presses, by
P. A. Pylayev, 19 pp.
Russian, part, Kuznechno-Shtampovochnoye
Proizvodstvo, No 3, 1956, pp 21-27.
FTD-TT-57-55

P. A. Pylayev

Sol/Phys
Sept 60

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

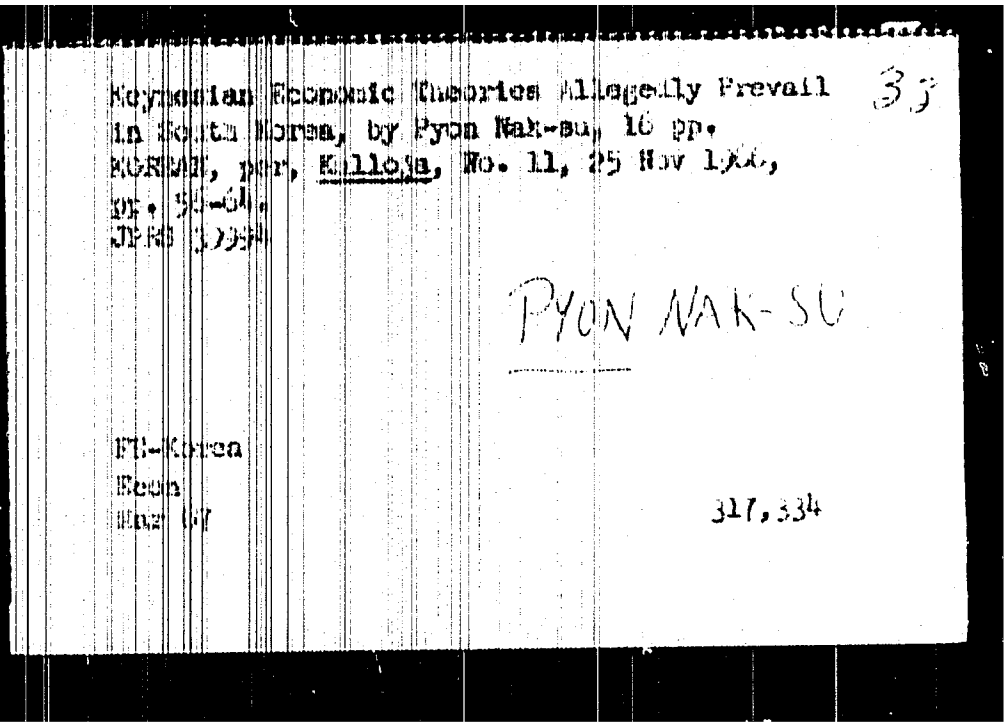


Actinometry and Atmospheric Optics, by V. K. Pyldnaa,
379 pp.
RUSSIAN, bk, Aktinometriya i Atmosfernaya Optika, 1968.
NTIS TT 70-50159

Jan 72

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



Keynesian Economic Theories Allegedly Prevail 3?
in South Korea, by Pyon Nak-su, 16 pp.
KORAM, per, Killoja, No. 11, 25 Nov 1[illegible],
pp. 58-61,
JPRS 1[illegible]

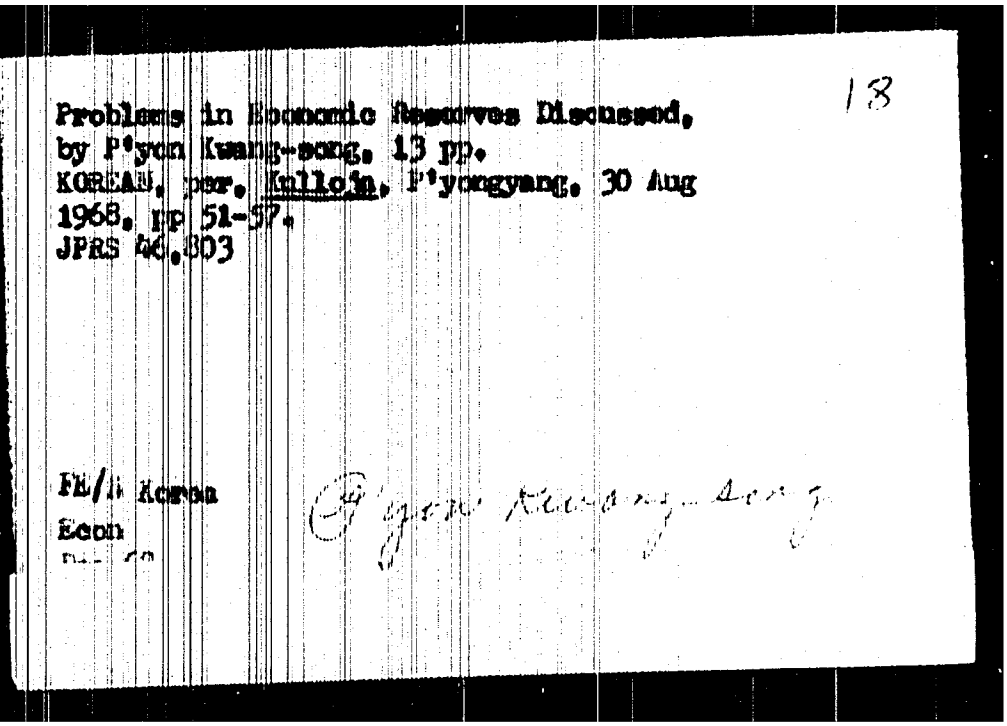
PYON NAK-SU

FE-Korea
Econ
Nov 67

317,334

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1



18

Problems in Economic Reserves Discussed, by P'yon Kwang-song, 13 pp. KOREAN, per. Kulloja, P'yongyang, 30 Aug 1968, pp 51-57. JPRS 46,303

FE/1 Korea
Econ

P'yon Kwang-song

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1

32

Important Problems in Increasing Value of Production per Worker -- Experiences at the P'yo'ngyang Electric Factory, by P'yo'n So'ng, 6 pp.
KOREAN, per, Pulloja, No 24, 20 Dec 1965, pp. 11-14.
JPRS 34906

P'yo'n So'ng.

Fl-Koren
Econ
Apr 66

297,977

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301670055-1